



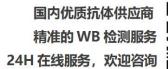
## ACE2 mouse mAb

| (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]  Observed Band  120-135kD  [Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apid cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane .  Tissue Specificity  Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in the renal proximal tubule and the small intestine (at protein level) (PubMed:18424768). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:10969042, PubMed:10924499, PubMed:322170560). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |
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| Reactivity Human; Mouse;Rat  Applications WB  Gene Name ACE2 UNQ868/PRO1885  Protein Name ACE2  Immunogen Synthesized peptide derived from human ACE2 AA range: 425-475  Specificity This antibody detects endogenous levels of ACE2 at Human, Mouse,Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.06% sodium azide.  Source Monoclonal, Mouse,IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity 290%  Storage Stability -20°C/1 year  Synonyms Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]  Observed Band 120-135kD  Cell Pathway [Processed angiotensin-converting enzyme 2]: Secreted.; Cell membrane; Single-pass type I membrane protein Cytoplasm. Cell projection, cliium. Apic cell membrane. Detected in both cell membrane and cytoplasm in neurons; Isoform 2]: Apical cell membrane and Sertoli cells (at protein level) (PubMed: 15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed: 15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed: 15141377). Expressed in heart, kidney, tes and gastrointestinal system (at protein level) (PubMed: 1541960042, PubMed: 1567106, PubMed: 1567106, PubMed: 151413770, PubMed: 1567106, PubMed: 1   | Catalog No         | BYmab-10307                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
| Applications WB  Gene Name ACE2 UNQ868/PRO1885  Protein Name ACE2  Immunogen Synthesized peptide derived from human ACE2 AA range: 425-475  Specificity This antibody detects endogenous levels of ACE2 at Human, Mouse,Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.06% sodium azide.  Source Monoclonal, Mouse,IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity 290%  Storage Stability -20°C/1 year  Synonyms Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apic cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane .  Tissue Specificity Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed: 15141377). Expressed in heart, kidney, tes and gastrointestinal system (at protein level) (PubMed: 1342478, Expressed in heart, kidney, tes and gastrointestinal system (at protein level) (PubMed: 1342478, Expressed in heart, kidney, tes and gastrointestinal system (at protein level) (PubMed: 1342478, Expressed in heart, kidney, tes and gastrointestinal system (at protein level) (PubMed: 1354712, PubMed: 1567104, PubMed: 32715618, PubMed: 32715058). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein level) or the side of the protein level or the side of the side of the protein level or the side of the protein level or the side of the side o   | Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |
| Gene Name         ACE2 UNQ868/PRO1885           Protein Name         ACE2           Immunogen         Synthesized peptide derived from human ACE2 AA range: 425-475           Specificity         This antibody detects endogenous levels of ACE2 at Human, Mouse,Rat           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.06% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]           Observed Band         120-135kD           Cell Pathway         [Processed angiotensin-converting enzyme 2]: Secreted ; Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apic cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane .           Tissue Specificity         Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:154141377). Expressed in entercoytes cells (at protein level) (PubMed:15468                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Reactivity         | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
| Immunogen   Synthesized peptide derived from human ACE2   AA range: 425-475                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Applications       | WB                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
| Immunogen   Synthesized peptide derived from human ACE2   AA range: 425-475                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Gene Name          | ACE2 UNQ868/PRO1885                                                                                                                                                                                                                                                                                                                                                          |  |  |  |
| This antibody detects endogenous levels of ACE2 at Human, Mouse,Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.06% sodium azide.  Source Monoclonal, Mouse,IgG  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane : Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apic cell membrane . Detected in both cell membrane and cytoplasm in neurons .; Ilsoform 2]: Apical cell membrane and cytoplasm in neurons .; Ilsoform 2]: Apical cell membrane and cytoplasm in neurons .; Ilsoform 2]: Apical cell membrane and cytoplasm in neurons .; Ilsoform 2]: Apical cell membrane and cytoplasm in neurons .; Ilsoform 2]: Apical cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Levdig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:12459472, PubMed:1567104, PubMed:19231706, PubMed:12459472, PubMed:1567104, PubMed:19231706, PubMed:12459472, PubMed:1567104, PubMed:19231706, PubMed:12459472, PubMed:1567104, PubMed:1567106, PubMed:1924706, PubMed:19261706, PubM | Protein Name       | ACE2                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.06% sodium azide.  Source  Monoclonal, Mouse, IgG  Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]  Observed Band  120-135kD  Cell Pathway  [Processed angiotensin-converting enzyme 2]: Secreted.; Cell membrane ; Single-pass type I membrane protein. Cytoplasm. Cell projection, cilium. Apic cell membrane. Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane and Sertoli cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Levdig cells and Sertoli cells (at protein level) (PubMed:1541377). Expressed in heart, kidney, tes and gastrointestinal system (at protein level) (PubMed:19424768). Expressed in heart, kidney, tes and gastrointestinal system (at protein level) (PubMed:19424978). Expressed in heart, kidney, tes and gastrointestinal system (at protein level) (PubMed:19424978). Expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein level) (PubMed:195231706, PubMed:195291760). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein rotein level) (PubMed:195291760). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein level) (PubMed:195291760). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein level)               | Immunogen          | Synthesized peptide derived from human ACE2 AA range: 425-475                                                                                                                                                                                                                                                                                                                |  |  |  |
| Source         Monoclonal, Mouse,IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]           Observed Band         120-135kD           Cell Pathway         [Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apic cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane and cytoplasm in neurons; (PubMed:15141377). Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:154141377). Expressed in heart, kidney, tes and gastrointestinal system (at protein level) (PubMed:12459472, PubMed:1567104 PubMed:10924499, PubMed:15231706, PubMed:12459472, PubMed:1567104 PubMed:32715618, PubMed:32170560). In lung, expressed at low levels in so alveoler type 2 cells, the expression seems to be individual-specific (at protein seems to be individual-specific (at protein seems to be individual-specific (at protein seems to be individual-specific (at                                                                                                                                                                                                                                                                                                                                  | Specificity        | This antibody detects endogenous levels of ACE2 at Human, Mouse,Rat                                                                                                                                                                                                                                                                                                          |  |  |  |
| Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]  Observed Band  120-135kD  Cell Pathway  [Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apid cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane .  Tissue Specificity  Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:12459472, PubMed:1567104 PubMed:10924499, PubMed:15231706, PubMed:12459472, PubMed:1567104 PubMed:10924499, PubMed:15231706, PubMed:32715618, PubMed:32770560). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein individual-spec    | Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.06% sodium azide.                                                                                                                                                                                                                                                                                                      |  |  |  |
| affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]  Observed Band 120-135kD  Cell Pathway [Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apic cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane .  Tissue Specificity Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertolic cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine (at protein level) (PubMed:18424768). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:1949042, PubMed:1959042, PubMed:190924499, PubMed:151618, PubMed:1521706, PubMed:12459472, PubMed:1567104 PubMed:32715618, PubMed:32715618, PubMed:321706, PubMed:19401419.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Source             | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                        |  |  |  |
| Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]         Observed Band       120-135kD         Cell Pathway       [Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apic cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane .         Tissue Specificity       Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in heart, kidney, tes and gastrointestinal system (at protein level) (PubMed:12459472, PubMed:1969042, PubMed:10924499, PubMed:15231706, PubMed:12459472, PubMed:156118, PubMed:32170560). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein level) in protein level (PubMed:151618).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Purification       | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                        |  |  |  |
| Purity ≥90%  Storage Stability -20°C/1 year  Synonyms Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]  Observed Band 120-135kD  Cell Pathway [Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apid cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane.  Tissue Specificity Expressed in endothelial cells from small and large arteries, and in arterial smoon muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in the renal proximal tubule and the small intestine (at protein level) (PubMed:18424768). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:10969042, PubMed:32715618, PubMed:32710560). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Dilution           | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| Storage Stability  -20°C/1 year  Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptidal (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]  Observed Band  120-135kD  Cell Pathway  [Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apid cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane .  Tissue Specificity  Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:10969042, PubMed:10924499, PubMed:15231706, PubMed:12459472, PubMed:1567104 PubMed:32715618, PubMed:32170560). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptida (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]  Observed Band  120-135kD  [Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apic cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane and cytoplasm in neurons; Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:10969042, PubMed:10924499, PubMed:15231706, PubMed:12459472, PubMed:1567104, PubMed:32715618, PubMed:32170560). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT1 [Cleaved into: Processed angiotensin-converting enzyme 2]  Observed Band  120-135kD  [Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apid cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane .  Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in the renal proximal tubule and the small intestine (at protein level) (PubMed:18424768). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:10969042, PubMed:10924499, PubMed:15231706, PubMed:12459472, PubMed:1567104 PubMed:32715618, PubMed:32170560). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |
| [Processed angiotensin-converting enzyme 2]: Secreted .; Cell membrane ; Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apic cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane .  Tissue Specificity  Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:10969042, PubMed:10924499, PubMed:15231706, PubMed:12459472, PubMed:1567104 PubMed:32715618, PubMed:32170560). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Synonyms           | Angiotensin-converting enzyme 2 (EC 3.4.17.23) (ACE-related carboxypeptidase) (Angiotensin-converting enzyme homolog) (ACEH) (Metalloprotease MPROT15) [Cleaved into: Processed angiotensin-converting enzyme 2]                                                                                                                                                             |  |  |  |
| Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apic cell membrane . Detected in both cell membrane and cytoplasm in neurons; [Isoform 2]: Apical cell membrane .  Tissue Specificity  Expressed in endothelial cells from small and large arteries, and in arterial smo muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in the renal proximal tubule and the small intestine (at protein level) (PubMed:18424768). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:10969042, PubMed:10924499, PubMed:15231706, PubMed:12459472, PubMed:1567104 PubMed:32715618, PubMed:32170560). In lung, expressed at low levels in so alveolar type 2 cells, the expression seems to be individual-specific (at protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Observed Band      | 120-135kD                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |
| muscle cells (at protein level) (PubMed:15141377). Expressed in enterocytes of the small intestine, Leydig cells and Sertoli cells (at protein level) (PubMed:15141377). Expressed in the renal proximal tubule and the small intestine (at protein level) (PubMed:18424768). Expressed in heart, kidney, test and gastrointestinal system (at protein level) (PubMed:10969042, PubMed:10924499, PubMed:15231706, PubMed:12459472, PubMed:1567104 PubMed:32715618, PubMed:32170560). In lung, expressed at low levels in sotal alveolar type 2 cells, the expression seems to be individual-specific (at protein seems to be individual-specific.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cell Pathway       | Single-pass type I membrane protein . Cytoplasm . Cell projection, cilium . Apical cell membrane . Detected in both cell membrane and cytoplasm in neurons;                                                                                                                                                                                                                  |  |  |  |
| (i dbiwed.32423701, i dbiwed.13141377, i dbiwed.32713010,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tissue Specificity | (PubMed:15141377). Expressed in the renal proximal tubule and the small intestine (at protein level) (PubMed:18424768). Expressed in heart, kidney, testis, and gastrointestinal system (at protein level) (PubMed:10969042, PubMed:10924499, PubMed:15231706, PubMed:12459472, PubMed:15671045, PubMed:32715618, PubMed:32170560). In lung, expressed at low levels in some |  |  |  |

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PubMed:32170560, PubMed:33432184). Expressed in nasal epith

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#### **Background**

angiotensin I converting enzyme 2(ACE2) Homo sapiens The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxydipeptidases and has considerable homology to human angiotensin 1 converting enzyme. This secreted protein catalyzes the cleavage of angiotensin I into angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7. The organ- and cell-specific expression of this gene suggests that it may play a role in the regulation of cardiovascular and renal function, as well as fertility. In addition, the encoded protein is a functional receptor for the spike glycoprotein of the human coronaviruses SARS and HCoV-NL63.

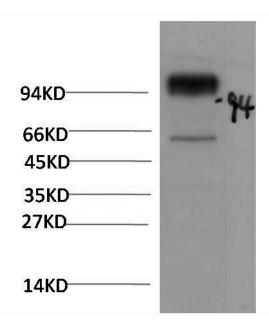
# matters needing attention

Avoid repeated freezing and thawing!

### **Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### **Products Images**



Western Blot analysis of various cells using ACE2 mouse mAb

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