

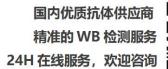


## CD200 Monoclonal Antibody

| Catalog No         BYmab-14033           Isotype         IgG           Reactivity         Human;Rat;Mouse;           Applications         WB           Gene Name         CD200           Protein Name         OX-2 membrane glycoprotein           Immunogen         Inhe antiserum was produced against synthesized peptide derived from the Internal region of human CD200. AA range:171-220           Specificity         CD200 Monoclonal Antibody detects endogenous levels of CD200 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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         CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200           Observed Band         31kD           Cell Pathway         Cell membrane; Single-pass type I membrane protein.           Tissue Specificity         Blood,Brain, Fetal brain,           Function         function:Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues, similar  |                    |   |
|--|--------------------|---|
| Reactivity Human;Rat;Mouse;  Applications WB  Gene Name CD200  Protein Name OX-2 membrane glycoprotein  Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human CD200. AA range:171-220  Specificity CD200 Monoclonal Antibody detects endogenous levels of CD200 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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 CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200  Observed Band 31kD  Cell Pathway Cell membrane; Single-pass type I membrane protein.  Tissue Specificity Blood,Brain,Fetal brain,  Function function: Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues. similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain., subunit: Interacts with CD200R1.  Background This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.  | Catalog No         | BYmab-14033   |
| Applications  Gene Name  CD200  Protein Name  OX-2 membrane glycoprotein  Immunogen  The antiserum was produced against synthesized peptide derived from the Internal region of human CD200. AA range:171-220  Specificity  CD200 Monoclonal Antibody detects endogenous levels of CD200 protein.  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Monoclonal, Mouse, IgG  Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dillution  WB 1:500-2000  Concentration  1 mg/ml  Purity  290%  Storage Stability  -20°C/1 year  Synonyms  CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200  Observed Band  31kD  Cell Pathway  Cell membrane; Single-pass type I membrane protein.  Tissue Specificity  Blood,Brain,Fetal brain,  function: Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues. similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain., similarity: Contains 1 Ig-like V-type (immunoglobulin-like) domain., similarity: Contains 1 Ig-like V-type (immunoglobulin-like) immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.   | Isotype            | IgG   |
| Protein Name   CD200   | Reactivity         | Human;Rat;Mouse;  |
| Protein Name         OX-2 membrane glycoprotein           Immunogen         The antiserum was produced against synthesized peptide derived from the Internal region of human CD200. AA range:171-220           Specificity         CD200 Monoclonal Antibody detects endogenous levels of CD200 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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         CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200           Observed Band         31kD           Cell Pathway         Cell membrane; Single-pass type I membrane protein.           Tissue Specificity         Blood,Brain,Fetal brain,           Function         function:Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues_similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain_similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain_subunit:Interacts with CD200R1.           Background         This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic doma                                     | Applications       | WB  |
| Immunogen         The antiserum was produced against synthesized peptide derived from the Internal region of human CD200. AA range:171-220           Specificity         CD200 Monoclonal Antibody detects endogenous levels of CD200 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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         CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200           Observed Band         31kD           Cell Pathway         Cell membrane; Single-pass type I membrane protein.           Tissue Specificity         Blood,Brain,Fetal brain,           Function         function:Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues_similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain_similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain_similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain_subunit:Interacts with CD200R1.           Background         This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed b | Gene Name          | CD200   |
| Internal region of human CD200. AA range:171-220  Specificity CD200 Monoclonal Antibody detects endogenous levels of CD200 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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 CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200  Observed Band 31kD  Cell Pathway Cell membrane; Single-pass type I membrane protein.  Tissue Specificity Blood, Brain, Fetal brain,  Function function: Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues, similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain, similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain, subunit: Interacts with CD200R1.,  Background This gene encodes a type I membrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosypression and regulation of anti-tumor activity.  | Protein Name       | OX-2 membrane glycoprotein  |
| Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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 CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200  Observed Band 31kD  Cell Pathway Cell membrane; Single-pass type I membrane protein.  Tissue Specificity Blood, Brain, Fetal brain,  Function function: Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues, similarity Contains 1 1g-like V-type (immunoglobulin-like) domain., similarity: Contains 1 1 g-like V-type (immunoglobulin-like) domain., subunit: Interacts with CD200R1.  Background This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.   | Immunogen          |   |
| 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 CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200  Observed Band 31kD  Cell Pathway Cell membrane; Single-pass type I membrane protein.  Tissue Specificity Blood, Brain, Fetal brain,  Function function: Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues, similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain., similarity: Contains 1 Ig-like V-type (immunoglobulin-like) domain., similarity: Contains 1 Ig-like V-type (immunoglobulin-like) domain., subunit: Interacts with CD200R1.,  Background This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.   | Specificity        | CD200 Monoclonal Antibody detects endogenous levels of CD200 protein.   |
| 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  CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200  Observed Band  31kD  Cell Pathway  Cell membrane; Single-pass type I membrane protein.  Tissue Specificity  Blood,Brain,Fetal brain,  function: Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.,similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity: Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit: Interacts with CD200R1.,  Background  This gene encodes a type I membrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.  | Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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 CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200  Observed Band 31kD  Cell Pathway Cell membrane; Single-pass type I membrane protein.  Tissue Specificity Blood,Brain,Fetal brain,  Function function:Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD200R1.  Background This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.  | Source             | Monoclonal, Mouse,IgG   |
| Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200         Observed Band       31kD         Cell Pathway       Cell membrane; Single-pass type I membrane protein.         Tissue Specificity       Blood,Brain,Fetal brain,         Function       function:Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.,similarity:Contains 1 !g-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 !g-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD200R1.,         Background       This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.  | Purification       |   |
| Purity ≥90%  Storage Stability -20°C/1 year  Synonyms CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200  Observed Band 31kD  Cell Pathway Cell membrane; Single-pass type I membrane protein.  Tissue Specificity Blood,Brain,Fetal brain,  Function function:Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD200R1.,  Background This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.   | Dilution           | WB 1:500-2000   |
| Synonyms  CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200  Observed Band  31kD  Cell Pathway  Cell membrane; Single-pass type I membrane protein.  Blood,Brain,Fetal brain,  function  function:Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD200R1.,  Background  This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.  | Concentration      | 1 mg/ml   |
| Synonyms  CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200  Observed Band  31kD  Cell Pathway  Cell membrane; Single-pass type I membrane protein.  Blood,Brain,Fetal brain,  Function  function:Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD200R1.,  Background  This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.   | Purity             | ≥90%  |
| Observed Band       31kD         Cell Pathway       Cell membrane; Single-pass type I membrane protein.         Tissue Specificity       Blood,Brain,Fetal brain,         Function       function:Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD200R1.,         Background       This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.  | Storage Stability  | -20°C/1 year  |
| Cell Pathway  Cell membrane; Single-pass type I membrane protein.  Blood,Brain,Fetal brain,  function: Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD200R1.,  Background  This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.   | Synonyms           | CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200   |
| Tissue Specificity  Blood,Brain,Fetal brain,  function: Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD200R1.,  Background  This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.  | Observed Band      | 31kD  |
| Function  function:Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD200R1.,  Background  This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.   | Cell Pathway       | Cell membrane; Single-pass type I membrane protein.   |
| variety of tissues.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD200R1.,  This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.   | Tissue Specificity | Blood,Brain,Fetal brain,  |
| immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity.  | Function           | variety of tissues.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like)<br>domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like)   |
|  | Background         | immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. |

Nanjing BYabscience technology Co.,Ltd







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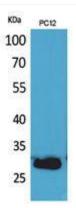
| matters needing |  |
|-----------------|--|
| attention       |  |

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 CD200 Monoclonal Antibody