



# CD163b Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-30100                                                                                                                                                                                                                                                                                                                                                      |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                             |
| Reactivity         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                |
| Applications       | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                                                 |
| Gene Name          | CD163L1                                                                                                                                                                                                                                                                                                                                                         |
| Protein Name       | Scavenger receptor cysteine-rich type 1 protein M160                                                                                                                                                                                                                                                                                                            |
| Immunogen          | The antiserum was produced against synthesized peptide derived from the Internal region of human CD163L1. AA range:391-440                                                                                                                                                                                                                                      |
| Specificity        | CD163b Polyclonal Antibody detects endogenous levels of CD163b protein.                                                                                                                                                                                                                                                                                         |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                         |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                          |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                           |
| Dilution           | WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000.. IF 1:50-200                                                                                                                                                                                                                                                                                            |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                         |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                            |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                    |
| Synonyms           | CD163L1; CD163B; M160; Scavenger receptor cysteine-rich type 1 protein M160; CD163 antigen-like 1; CD163b                                                                                                                                                                                                                                                       |
| Observed Band      | 160kD                                                                                                                                                                                                                                                                                                                                                           |
| Cell Pathway       | [Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 3]: Secreted .                                                                                                                                                                                                 |
| Tissue Specificity | Isoform 1 is highly expressed in the spleen, lymph nodes, thymus, and fetal liver and weakly expressed in bone marrow and no expression was found in peripheral blood leukocytes. Isoform 1 expression is restricted to the monocyte and macrophage cell lines. Isoform 2 is only expressed in spleen.                                                          |
| Function           | similarity:Contains 12 SRCR domains.,tissue specificity:Isoform 1 is highly expressed in the spleen, lymph nodes, thymus, and fetal liver and weakly expressed in bone marrow and no expression was found in peripheral blood leukocytes. Isoform 1 expression is restricted to the monocyte and macrophage cell lines. Isoform 2 is only expressed in spleen., |
| Background         | This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins                                                                                                                                                                                                        |

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mainly found in cells associated with the immune system. The SRCR family is defined by a 100-110 amino acid SRCR domain, which may mediate protein-protein interaction and ligand binding. The encoded protein contains twelve SRCR domains, a transmembrane region and a cytoplasmic domain. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014],

**matters needing attention**

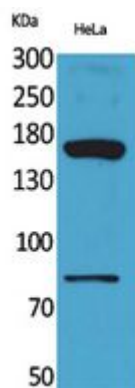
Avoid repeated freezing and thawing!

**Usage suggestions**

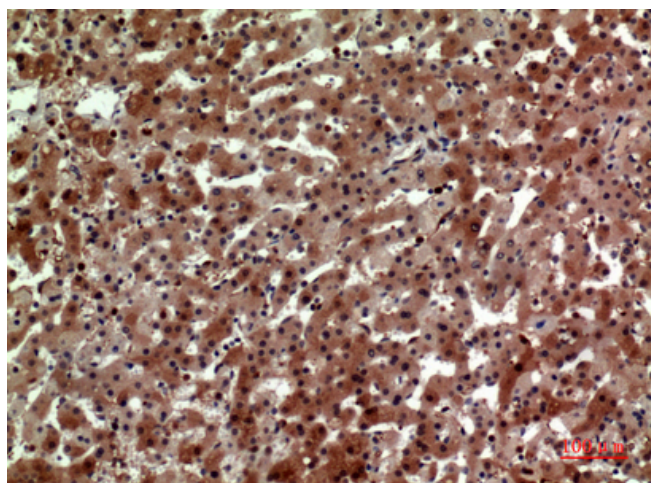
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



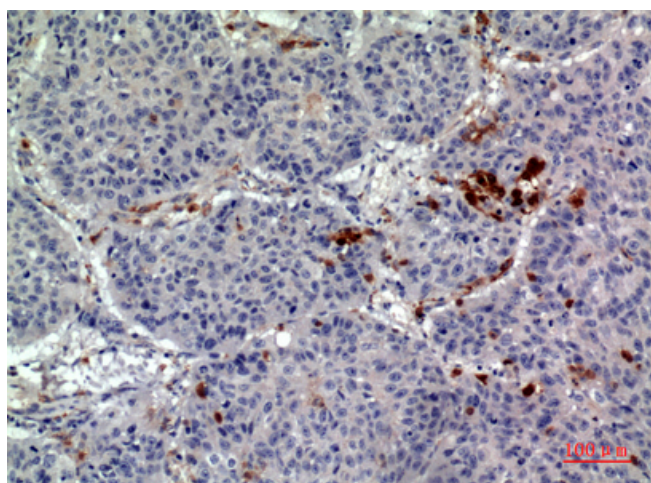
## Products Images



Western Blot analysis of HeLa cells using CD163b Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



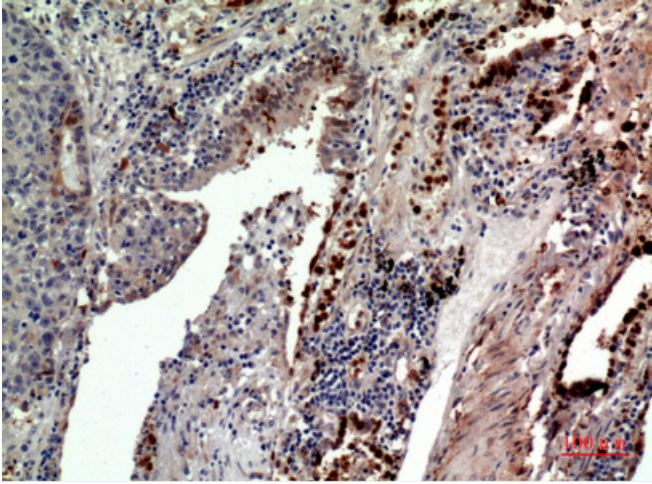
Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100

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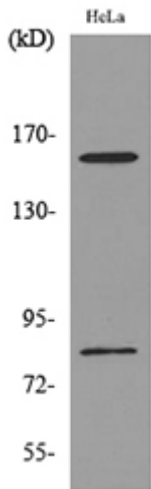
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Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Western blot analysis of lysate from HeLa cells, using CD163L1 Antibody.