

## Rabbit anti-Human CD163 Polyclonal Antibody | anti-CD163 antibody

CD163 Rabbit anti-Human Polyclonal Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA162964</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

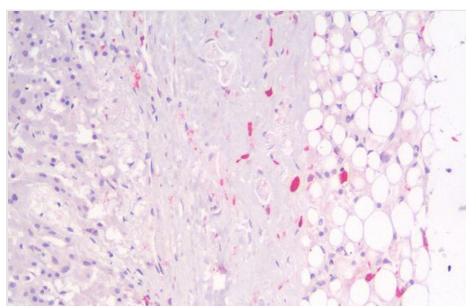
### PRODUCT SYNONYMS

CD163; Polyclonal Antibody; CD163 Rabbit anti-Human Polyclonal Antibody; PathPlus CD163 Antibody; CD163 antigen; Macrophage-associated antigen; M130; CD163 molecule; Hemoglobin scavenger receptor; MM130; anti-CD163 antibody

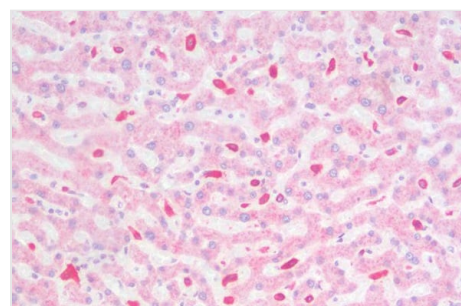
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                    |
| Reactivity                                      | Human                                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                                |
| Purity/Purification                             | Immunoaffinity purified                                                                                                                                   |
| Form/Format                                     | PBS, 0.1% Sodium Azide                                                                                                                                    |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                    |
| Applicable Applications for anti-CD163 antibody | IHC (Immunohistochemistry)                                                                                                                                |
| Target                                          | Human CD163                                                                                                                                               |
| Immunogen                                       | LP-10716, synthetic peptide                                                                                                                               |
| Conjugation                                     | Unconjugated                                                                                                                                              |
| Preparation and Storage                         | Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles. |

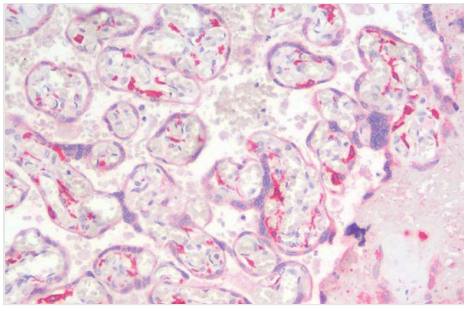
### IMAGES



**IHC (Immunohistochemistry)**  
CD163 Antibody-Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)



**IHC (Immunohistochemistry)**  
CD163 Antibody-Human Liver Kupffer Cells: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)  
CD163 Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD163 antibody | CD163 antibody is an unconjugated rabbit polyclonal antibody to CD163 from human. Validated for IHC. CD163 (also called scavenger receptor cysteine-rich type 1 protein M130) is an acute-phase -regulated receptor that is involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages. It has a plasma membrane-bound form and a soluble form. CD163 is expressed on monocytes and mature resident macrophages such as red pulp macrophages in the spleen, Kupffer cells in the liver, alveolar and interstitial macrophages in the lung, medullary and perifollicular macrophages in lymph nodes, and perivascular and meningeal macrophages in the brain. The soluble form may be a biomarker for inflammatory diseases. Antibodies to CD163 can be used to identify monocytes and macrophages. It is positive in histiocytic sarcomas. |
| References                                          | Diagn Pathol. 2007;2:7. doi: 10.1186/1746-1596-2-7;Biochem Biophys Res Commun. 1999;260(2):466-474. doi: 10.1006/bbrc.1999.0866;J Leukoc Biol. 1999;66(5):858-866. PMID: 10577520;Nature. 2001;409(6817):198-201. doi: 10.1038/35051594;J Leukoc Biol. 2006;79(4):837-845. doi: 10.1189/jlb.1005602;Antioxid Redox Signal. 2013;18(17):2352-2363. doi: 10.1089/ars.2012.4834.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 344179110                                                                                                          |
| NCBI GeneID                      | 9332                                                                                                               |
| NCBI Accession #                 | NP_004235.4                                                                                                        |
| NCBI GenBank Nucleotide #        | NM_004244                                                                                                          |
| UniProt Accession #              | Q86VB7; Q07898; Q07899; Q07900; Q07901; Q2VLH7; C9JIG2                                                             |
| Molecular Weight                 | 125,451 Da                                                                                                         |
| NCBI Official Full Name          | scavenger receptor cysteine-rich type 1 protein M130 isoform a                                                     |
| NCBI Official Synonym Full Names | CD163 molecule                                                                                                     |
| NCBI Official Symbol             | CD163                                                                                                              |
| NCBI Official Synonym Symbols    | M130; MM130                                                                                                        |
| NCBI Protein Information         | scavenger receptor cysteine-rich type 1 protein M130; hemoglobin scavenger receptor; macrophage-associated antigen |
| UniProt Protein Name             | Scavenger receptor cysteine-rich type 1 protein M130                                                               |
| UniProt Gene Name                | CD163                                                                                                              |
| UniProt Synonym Gene Names       | M130; sCD163                                                                                                       |
| UniProt Entry Name               | C163A_HUMAN                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

