

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

Anti-CD163 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45367	Rabbit	Human	Immunohistochemistry, Western Blot

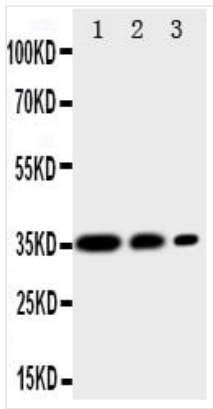
PRODUCT SYNONYMS

CD163; Polyclonal Antibody; Anti-CD163 antibody; Scavenger receptor cysteine-rich type 1 protein M130; CD163 molecule; C163A_HUMAN antibody; CD 163 antibody; CD163 antibody; CD163 antigen antibody; CD163 molecule antibody; Hemoglobin Scavenger Receptor antibody; M130 antibody; M130 antigen precursor antibody; Macrophage associated antigen antibody; MM130 antibody; OTTHUMP00000238617 antibody; OTTHUMP00000238618 antibody; OTTHUMP00000238619 antibody; OTTHUMP00000238620 antibody; Scavenger receptor cysteine rich type 1 protein M130 antibody; sCD163 antibody; Soluble CD163 antibody; anti-CD163 antibody

PRODUCT SPECIFICATIONS

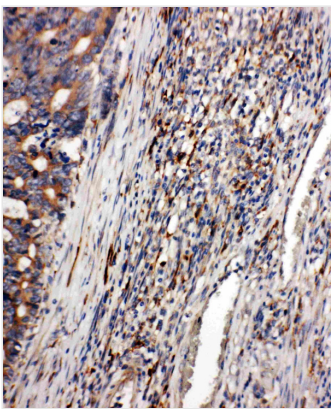
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1156
Applicable Applications for anti-CD163 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human CD163 recombinant protein (Position: F1056-L1165).
Contents	Each vial contains 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



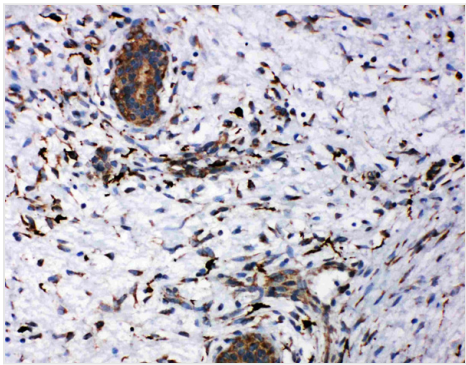
WB (Western Blot)

Anti-CD163 antibody, AAA45367, Western blottingAll lanes: Anti CD163 (AAA45367) at 0.5ug/mlLane 1: Recombinant Human CD163 Protein 10ngLane 2: Recombinant Human CD163 Protein 5ngLane 3: Recombinant Human CD163 Protein 2.5ngPredicted bind size: 35KDObserved bind size: 35KD



IHC (Immunohistochemistry)

Anti-CD163 antibody, AAA45367, IHC(P)IHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)

Anti-CD163 antibody, AAA45367, IHC(P)IHC(P): Human Mammary Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-CD163 antibody

Description: Rabbit IgG polyclonal antibody for Scavenger receptor cysteine-rich type 1 protein M130(CD163) detection. Tested with WB, IHC-P in Human.

Background: CD163(Cluster of Differentiation 163) also known as HEMOGLOBIN SCAVENGER RECEPTOR, is a human protein encoded by the CD163 gene. The receptor belongs to the scavenger receptor cysteine rich family type B and consists of an 1048 amino acid residues extracellular domain, a single transmembrane segment and a cytoplasmic tail with several splice variants. CD163 is a scavenger receptorfor the hemoglobin-haptoglobincomplex. Using FISH, somatic cell hybrid analysis, and radiation hybrid analysis, Stover et al.(2000) mapped the CD163 gene to chromosome 12p13.3. Specific CD163-mediated endocytosis of haptoglobin-hemoglobin complexes was measurable in cells transfected with CD163 cDNA and in CD163-expressing myelomonocytic lymphoma cells.CD163 expression in monocytes promoted bacteria-induced proinflammatory cytokine production that could be blocked by anti-CD163 antibodies. Cells expressing human CD163 and recombinant protein containing the extracellular domain of CD163 supported adhesion of erythroblastic cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	313104083
NCBI GeneID	9332
UniProt Accession #	Q86VB7; Q07898; Q07899; Q07900; Q07901; Q2VLH7; C9JIG2
Molecular Weight	124,958 Da
NCBI Official Full Name	Scavenger receptor cysteine-rich type 1 protein M130

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd163-antibody-immunohistochemistry-western-blot-elisa/45367>