

Mouse anti-Human CD163 Monoclonal Antibody | anti-CD163 antibody

Mouse Monoclonal [clone 3B4] (IgG2a) to Human CD163

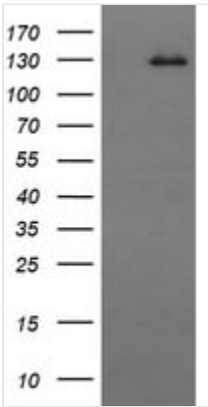
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52558	Mouse	Human	Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

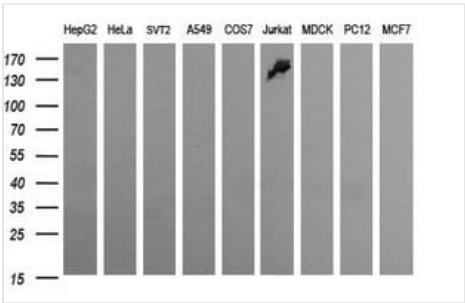
CD163; Monoclonal Antibody; Mouse Monoclonal [clone 3B4] (IgG2a) to Human CD163; Anti-CD163 Antibody (clone 3B4) IHC-plus; CD163 antigen; Macrophage-associated antigen; M130; CD163 molecule; Hemoglobin scavenger receptor; MM130; Human CD163; anti-CD163 antibody

PRODUCT SPECIFICATIONS

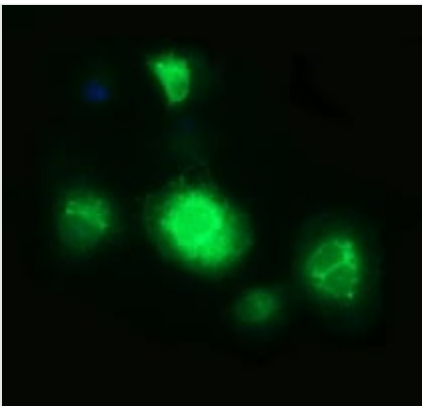
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3B4
Specificity	Human CD163
Purity/Purification	Protein A/G Purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	1156
Applicable Applications for anti-CD163 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Full length human recombinant protein of human CD163(NP_004235) produced in HEK293T cell.
Immunogen Type	Recombinant protein
Immunogen	CD163 antibody was raised against full length human recombinant protein of human CD163(NP_004235) produced in HEK293T cell.
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.



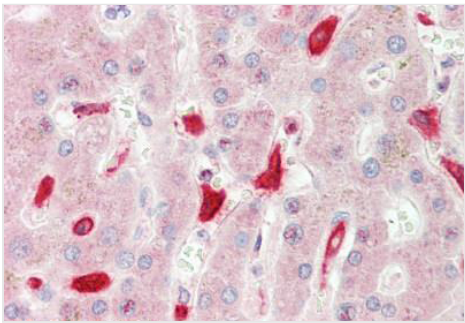
WB (Western Blot)
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD163 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD163.



WB (Western Blot)
Western blot of extracts (35 ug) from 9 different cell lines by using anti-CD163 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



IF (Immunofluorescence)
Anti-CD163 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CD163.



IHC (Immunohistochemistry)
Anti-CD163 antibody IHC staining of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	44662834
NCBI GeneID	9332
NCBI Accession #	NP_004235.3
NCBI GenBank Nucleotide #	NM_004244.4
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 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd163-antibody-clone-3b4-western-blot-immunofluorescence-immunohistochemistry-elisa/52558>