

Rabbit CD163 Polyclonal Antibody | anti-CD163 antibody

CD163 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30706	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

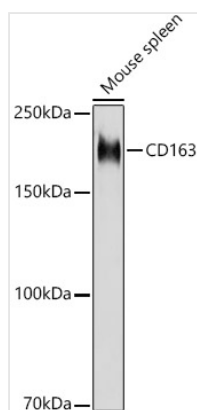
PRODUCT SYNONYMS

CD163; Polyclonal Antibody; CD163 Rabbit Polyclonal Antibody; M130; MM130; SCAR11; anti-CD163 antibody

PRODUCT SPECIFICATIONS

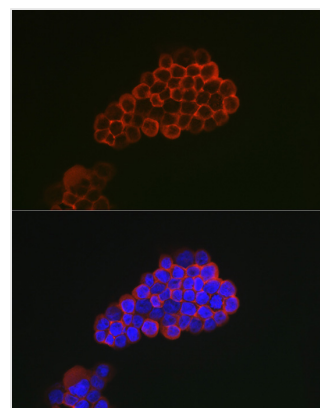
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CD163 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human CD163 (NP_004235.4).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



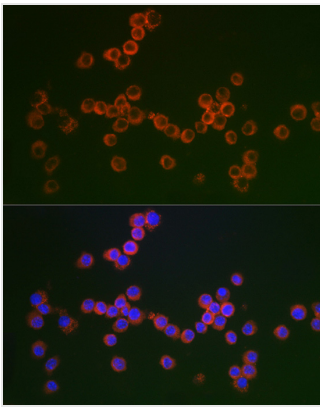
WB (Western Blot)

Western blot analysis of extracts of Mouse spleen, using CD163 antibody.



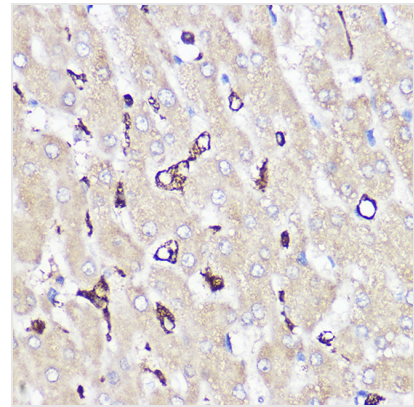
IF (Immunofluorescence)

Immunofluorescence analysis of THP-1 cells using CD163 Rabbit pAb.



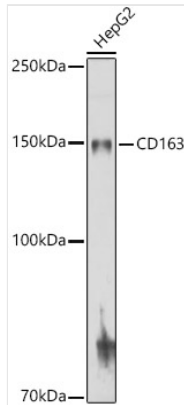
IF (Immunofluorescence)

Immunofluorescence analysis of Raw264 7 cells using CD163 Rabbit pAb.



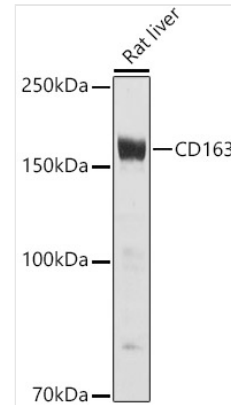
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using CD163 Rabbit pAb.



WB (Western Blot)

Western blot analysis of extracts of HepG2 cells, using CD163 antibody.



WB (Western Blot)

Western blot analysis of extracts of Rat liver, using CD163 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD163 antibody

The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Product Categories/Family for anti-CD163 antibody

[Primary Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	344179110
NCBI GeneID	9332
NCBI Accession #	NP_004235.4
NCBI GenBank Nucleotide #	NM_004244.5
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd163-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30706>