

Mouse anti-Human, Rat Cluster of Differentiation (CD163) Monoclonal Antibody | anti-CD163 antibody

Monoclonal Antibody to Cluster of Differentiation (CD163)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149559	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

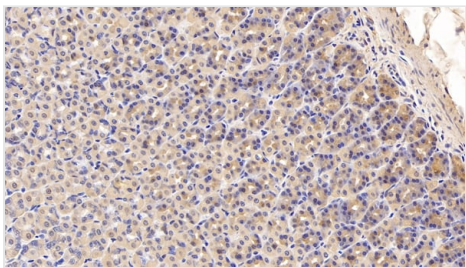
PRODUCT SYNONYMS

Cluster of Differentiation (CD163); Monoclonal Antibody; Monoclonal Antibody to Cluster of Differentiation (CD163); M130; MM130; Scavenger receptor cysteine-rich type 1 protein M130; Hemoglobin scavenger receptor; anti-CD163 antibody

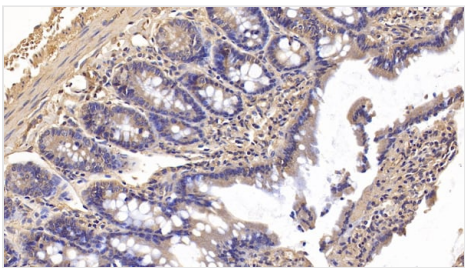
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	D2
Specificity	The antibody is a mouse monoclonal antibody raised against CD163. It has been selected for its ability to recognize CD163 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G Affinity Chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Pro693~Asp 939
Applicable Applications for anti-CD163 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Pro693~Asp939
Cross Reactivity	Rat
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

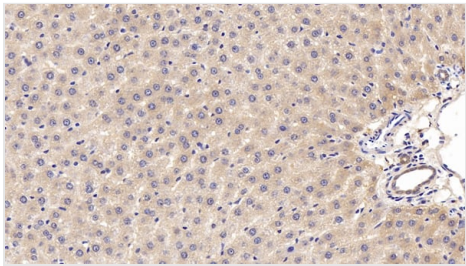
IMAGES



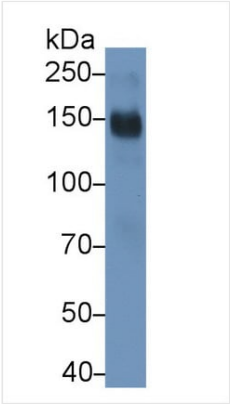
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Stomach Tissue; Primary Ab: 10ug/ml Mouse Anti-Rat CD163 Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



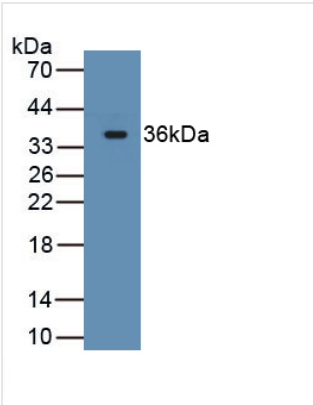
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Small intestine Tissue; Primary Ab: 10ug/ml Mouse Anti-Rat CD163 Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Liver Tissue; Primary Ab: 10ug/ml Mouse Anti-Rat CD163 Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Rat Spleen lysate; Primary Ab: 2ug/ml Mouse Anti-Rat CD163 Antibody; Second Ab: 0.2ug/mL HRP-Linked Rabbit Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Recombinant CD163, Rat.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD163 antibody	CD & Adhesion Molecule; Metabolic Pathway
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157823809
NCBI GeneID	312701
NCBI Accession #	NP_001101357.1

NCBI GenBank Nucleotide #	NM_001107887.1
UniProt Accession #	D3Z9U2
Molecular Weight	120,722 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 Protein Information	scavenger receptor cysteine-rich type 1 protein M130
UniProt Protein Name	CD163 antigen (Predicted)
UniProt Gene Name	Cd163

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/cluster-of-differentiation-cd163-antibody-clone-d2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149559>