



CD163 Mouse mAb

Catalog No	YP-Ab-17785
Isotype	Mouse IgG1
Reactivity	Human,Mouse
Applications	WB,IHC-P,ELISA
Gene Name	CD163
Alternative Names	M130; MM130; SCAR11
Research Field	Immunology
Product Categories	Primary antibody
Host	Mouse
Molecular Weight	Calculated MW: 125 kDa
Clonality	Monoclonal Antibody
Clonality No.	9H9-H6-W6
Dilution	WB: 1/500-1/1000 IHC: 1/100-1/200 ELISA: 1/10000
Immunogen	Purified recombinant fragment of human CD163 expressed in E. Coli.
Purification	Affinity Purified
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	Purified antibody in PBS with 0.05% sodium azide
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Background	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.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

