

CD163 Rabbit Polyclonal Antibody

Catalog No: #55495

Package Size: #55495-1 50ul #55495-2 100ul

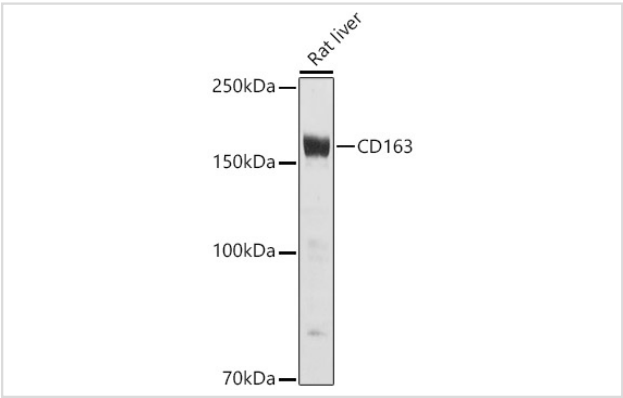
Description

Product Name	CD163 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human CD163 (NP_004235.4).
Conjugates	Unconjugated
Other Names	CD163;M130;MM130;SCAR11
Accession No.	Uniprot:Q86VB7GeneID:9332
Calculated MW	121kDa/124kDa/125kDa
SDS-PAGE MW	150KDa/160KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

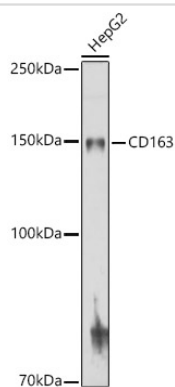
Application Details

WB 1:500 - 1:1000IHC 1:50 - 1:200IF 1:50 - 1:200

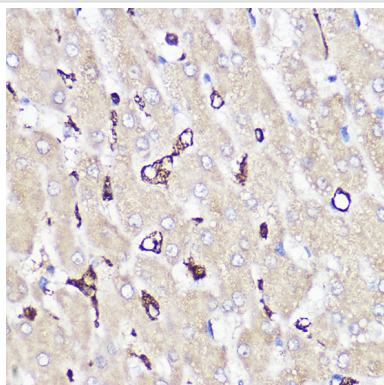
Images



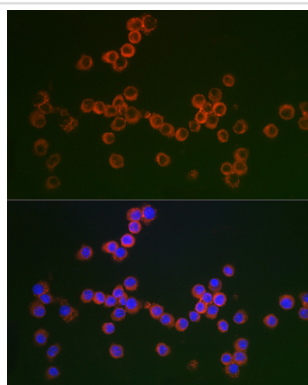
Western blot analysis of extracts of Rat liver, using CD163 antibody.



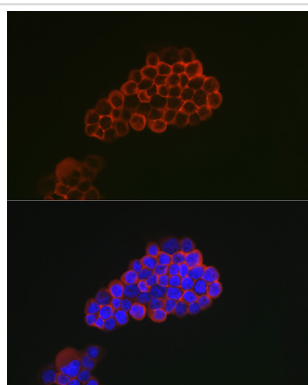
Western blot analysis of extracts of HepG2 cells, using CD163 antibody.



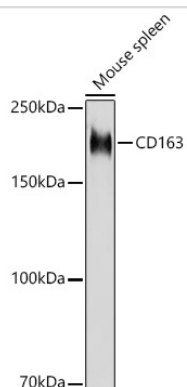
Immunohistochemistry of paraffin-embedded human liver using CD163 Rabbit pAb.



Immunofluorescence analysis of Raw264.7 cells using CD163 Rabbit pAb.



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



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

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.