

Product datasheet for **TA506380**

CD163 Mouse Monoclonal Antibody [Clone ID: OTI2G12]

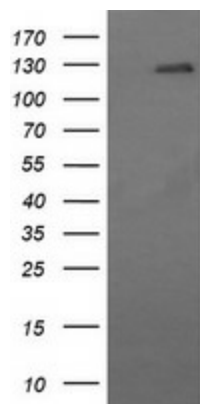
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2G12
Applications:	IF, IHC, WB
Recommend Dilution:	WB 1:1000, IHC 1:150, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CD163(NP_004235) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from cell culture supernatant by affinity chromatography
Predicted Protein Size:	125.3 kDa
Gene Name:	CD163 molecule
Database Link:	NP_004235 Entrez Gene 9332 Human
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. [provided by RefSeq, Aug 2011]
Synonyms:	M130; MM130
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

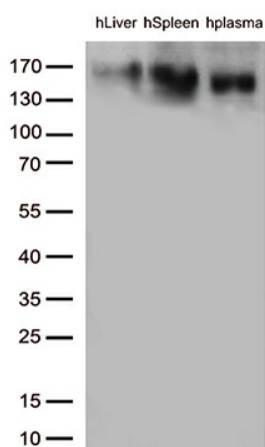


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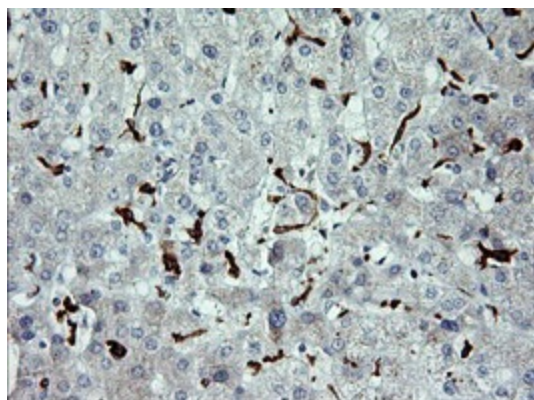
Product images:



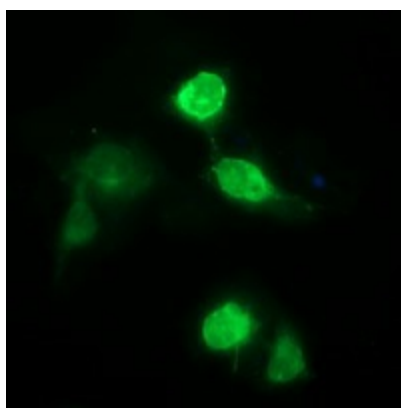
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD163 (RC208557, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD163. Positive lysates LY401362 (100ug) and LC401362 (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 3 tissue lysates by using anti-CD163 monoclonal antibody (1:250).



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-CD163 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506380)



Anti-CD163 mouse monoclonal antibody (TA506380) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CD163 (RC208557).