

CD163 (12S15) Rabbit Monoclonal Antibody

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Catalog # AP93832

Product Information

Application	WB, IHC-P, FC
Primary Accession	Q2VLH6
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Calculated MW	120921

Additional Information

Gene ID	93671
Other Names	Scavenger receptor cysteine-rich type 1 protein M130, CD163, Soluble CD163, sCD163, Cd163, M130
Dilution	WB~~1:1000 IHC-P~~N/A FC~~1:10~50
Storage Conditions	-20°C

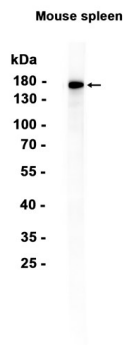
Protein Information

Name	Cd163
Synonyms	M130
Function	Involved in clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages and may thereby protect tissues from free hemoglobin-mediated oxidative damage. May play a role in the uptake and recycling of iron, via endocytosis of hemoglobin/haptoglobin and subsequent breakdown of heme. Binds hemoglobin/haptoglobin complexes in a calcium-dependent and pH- dependent manner. Induces a cascade of intracellular signals that involves tyrosine kinase-dependent calcium mobilization, inositol triphosphate production and secretion of IL6 and CSF1 (By similarity).
Cellular Location	[Soluble CD163]: Secreted {ECO:0000250 UniProtKB:Q86VB7}
Tissue Location	Expressed in monocytes and mature macrophages such as Kupffer cells in the liver, red pulp macrophages in the spleen and mesenteric lymph nodes.

Background

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Images



Western blot analysis of extracts from Mouse spleen tissue using AP93832 at 1:1000.

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