

Anti-CD36 Rabbit pAb



WL02390

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-CD36 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100
	IF	1:500
Cellular localization	Cell membrane. Membrane raft. Golgi apparatus. Apical cell membrane	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Cd36 is a class B scavenger receptor composed of short amino-terminal and carboxy-terminal cytoplasmic domains, two transmembrane domains, and a large glycosylated extracellular domain. Since thrombospondins are widely distributed proteins involved in a variety of adhesive processes, it may have important functions as a cell adhesion molecule. It directly mediates cytoadherence of Plasmodium falciparum parasitized erythrocytes and it binds long chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport. The CD36 receptor participates in the innate immune response by acting as a pattern recognition receptor for lipid components of bacterial cell walls and fungal beta-glucans .
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of CD36.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

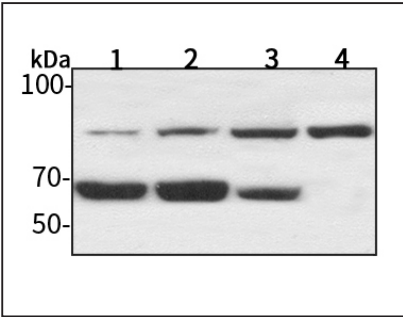
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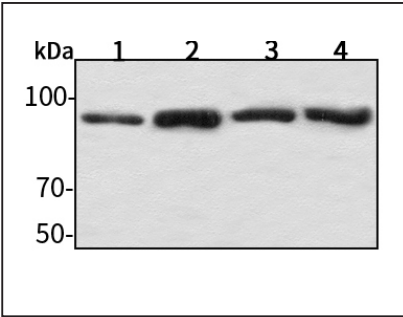
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Product Images



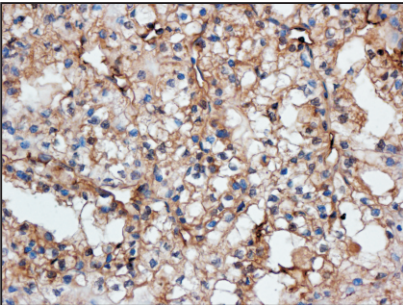
Western blot-Anti-CD36 pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-CD36 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 53 kDa
Observed band size: 70-100 kDa



Western blot-Anti-CD36 pAb

Lane 1: Mouse kidney tissue lysate
Lane 2: Mouse liver tissue lysate
Lane 3: Rat brain tissue lysate
Lane 4: Rat lung tissue lysate
All lanes: Anti-CD36 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 53 kDa
Observed band size: 70-100 kDa



Immunohistochemistry-Anti-CD36 pAb

Immunohistochemical analysis of paraffin-embedded human kidney cancer using anti-CD36 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

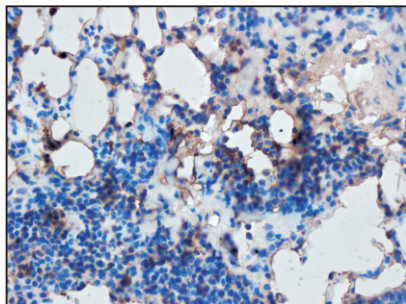
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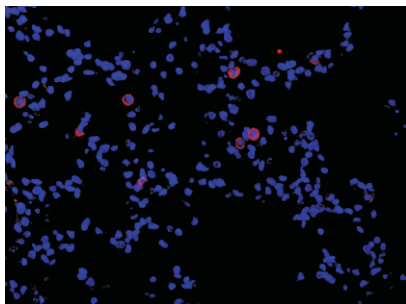
Product Information



Immunohistochemistry-Anti-CD36 pAb

Immunohistochemical analysis of paraffin-embedded mouse sepsis lung using anti-CD36 Rabbit Antibody at 1:100 dilution.

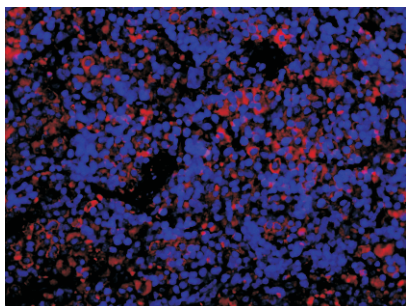
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-CD36 pAb

Immunofluorescence analysis of paraffin-embedded mouse lung using anti-CD36 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-CD36 pAb

Immunofluorescence analysis of paraffin-embedded rat spleen using anti-CD36 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0