

CD36 Antibody FITC Conjugated

Catalog No: #C00876F

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Description

Product Name	CD36 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt,IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 50-100 472 derived from mouse CD36
Conjugates	FITC
Target Name	CD36
Other Names	FAT; GPIV; Scarb3; Platelet glycoprotein 4; Glycoprotein IIIb; GPIIIB; PAS IV; PAS-4; Platelet glycoprotein IV; CD36
Accession No.	Swiss-Prot#Q08857NCBI Gene ID12491
Uniprot	Q08857
GeneID	12491;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

Background

Binds to collagen, thrombospondin, anionic phospholipids and oxidized low-density lipoprotein (oxLDL). May function as a cell adhesion molecule. Directly mediates cytoadherence of Plasmodium falciparum parasitized erythrocytes. Binds long chain fatty acids and may function in the transport and or as a regulator of fatty acid transport (By similarity). Receptor for thrombospondins, THBS1 AND THBS2, mediating their antiangiogenic effects (By similarity). As a coreceptor for TLR4-TLR6, promotes inflammation in monocytes macrophages. Upon ligand binding, such as oxLDL or amyloid-beta 42 binding, rapidly induces the formation of a heterodimer of TLR4 and TLR6, which is internalized and triggers inflammatory signals, leading to the NF-kappa-B-dependent production of CXCL1, CXCL2 and CCL9 cytokines, via MYD88 signaling pathway, and CCL5 cytokine, via TICAM1 signaling pathway, as well as IL1B secretion.

Note: This product is for in vitro research use only