

For Research Use Only

Biotin Anti-Human CD36 Rabbit Recombinant Antibody

Catalog Number: Biotin-98132



Basic Information

Catalog Number: Biotin-98132	GenBank Accession Number: NM_001001548.3	Purification Method: Protein A purification
Size: 100ug, 500 µg/ml	GeneID (NCBI): 948	CloneNo.: 241262D5
Source: Rabbit	UNIPROT ID: P16671-1	
Isotype: IgG	Full Name: CD36 molecule (thrombospondin receptor)	
	Calculated MW: 53 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

CD36, also named GP3B and GP4, is an 88-kDa membrane glycoprotein present on platelets, monocytes, erythroid precursors, endothelial cells, and several tumor cell lines. CD36 binds to collagen, thrombospondin, anionic phospholipids, and long-chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport and oxidized LDL. CD36 may function as a cell adhesion molecule. It mediates cytoadherence of Plasmodium falciparum parasitized erythrocytes. Mutation of CD36 will cause platelet glycoprotein IV deficiency which is known as CD36 deficiency. Genetic variations in CD36 are associated with susceptibility to coronary heart disease type 7 (CHDS7).

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

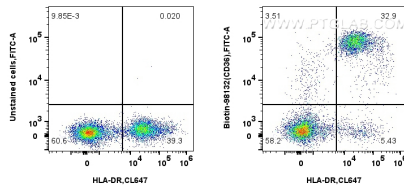
T: 4006900926

E: Proteintech-CN@ptglab.com

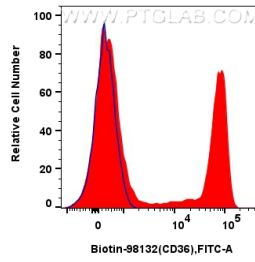
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD36 Rabbit Recombinant Antibody (Biotin-98132, Clone: 241262D5) and CoraLite®488-conjugated streptavidin, or unstained. Cells were co-stained with CoraLite® Plus 647 Anti-Human HLA-DR. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD36 Rabbit Recombinant Antibody (Biotin-98132, Clone: 241262D5) and CoraLite®488-conjugated streptavidin (red), or unstained (blue). Cells were not fixed.