Biotin Anti-Human CD36 Rabbit Recombinant Antibody

Catalog Number:Biotin-98132

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Basic Information

Catalog Number: Biotin-98132	**GenBank Accession Number:** NM_001001548.3	**Purification Method:** Protein A purification
Concentration: 100ug, 500 μg/ml	**GeneID (NCBI):** 948	**CloneNo.:** 241262D5
Source: Rabbit	**UNIPROT ID:** P16671-1	**Recommended Dilutions:** FC: 5 ul per 10^6 cells in 100 μl suspension
Isotype: IgG	**Full Name:** CD36 molecule (thrombospondin receptor)	
	Calculated MW: 53 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : human PBMCs,

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).
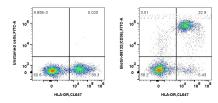
Storage

Storage:
Store at 2-8℃. Avoid exposure to light. Stable for one year after shipment.
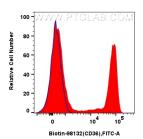**Storage Buffer:**
PBS with 0.09% sodium azide, pH7.3

Selected Validation Data

1x10^6 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.

1x10^6 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.