

For Research Use Only

Anti-Human CD36 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98132-1-PBS



Basic Information

Catalog Number: 98132-1-PBS	GenBank Accession Number: NM_001001548.3	Purification Method: Protein A purification
Size: 1mg, 2 mg/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

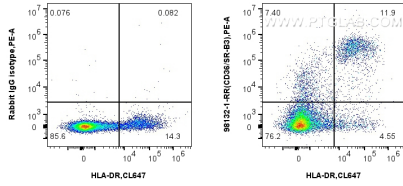
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

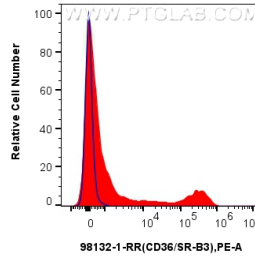
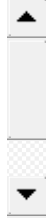
For technical support and original validation data for this product please contact:
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD36 Rabbit Recombinant Antibody (98132-1-RR, Clone: 241262D5) or Isotype Control, and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Human HLA-DR (L243) Mouse IgG2a Recombinant Antibody (CL647-65560, Clone: LZ43). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD36 Rabbit Recombinant Antibody (98132-1-RR, Clone: 241262D5) (red) or Isotype Control (blue), and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98132-1-PBS in a different storage buffer formulation.