FcZero-rAb™ PE Anti-Human CD36 Rabbit Recombinant Antibody

Catalog Number:PE-FcA98132

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Antibodies | ELISA kits | Proteins
FcZero-rAb
www.ptglab.com

Basic Information

Catalog Number:
PE-FcA98132

Size:
100tests , 5 ul/test

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG1070

GenBank Accession Number:
NM_001001548.3

GeneID (NCBI):
948

Full Name:
CD36 molecule (thrombospondin receptor)

Calculated MW:
53 kDa

Purification Method:
Protein A purification

CloneNo.:
241262D5

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 578 nm

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℃. Avoid exposure to light. Stable for one year after shipment.
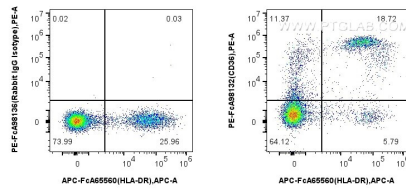Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

Selected Validation Data

1x10^6 human PBMCs were surface stained with APC Anti-Human HLA-DR (L243), and 5 ul PE Anti-Human CD36 Rabbit RecAb (PE-FcA98132, Clone: 241262D5) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.