

For Research Use Only

CoraLite®594 Anti-Human CD36 Rabbit Recombinant Antibody

Catalog Number:CL594-98132



Basic Information

Catalog Number: CL594-98132	GenBank Accession Number: NM_001001548.3	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 948	CloneNo.: 241262D5
Source: Rabbit	UNIPROT ID: P16671-1	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: CD36 molecule (thrombospondin receptor)	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: EG1070	Calculated MW: 53 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : human PBMCs,
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 and 0.5% BSA, pH7.3

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

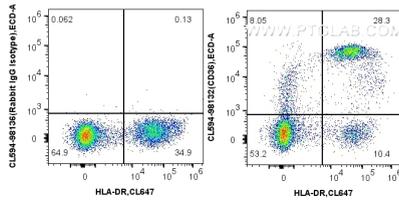
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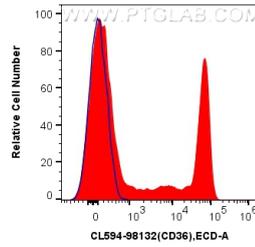
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with CoraLite® Plus 647 Anti-Human HLA-DR, and 5 ul CoraLite®594 Anti-Human CD36 Rabbit RecAb (CL594-98132, Clone: 241262D5) or CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite®594 Anti-Human CD36 Rabbit RecAb (CL594-98132, Clone: 241262D5) (red) or CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.