

For Research Use Only

Anti-Mouse CD36 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98350-2-PBS



Basic Information

Catalog Number:

98350-2-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_007643.4

GeneID (NCBI):

12491

UNIPROT ID:

Q08857

Full Name:

CD36 antigen

Calculated MW:

53 kDa

Purification Method:

Protein A purification

CloneNo.:

242662C12

Applications

Tested Applications:

FC

Species Specificity:

mouse

Background Information

CD36, also named as GP3B and GP4, is a membrane glycoprotein present on platelets, monocytes, erythroid precursors, endothelial cells, and several tumor cell lines. CD36 binds to collagen, thrombospondin, anionic phospholipids, 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 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.

Storage Buffer:

PBS Only

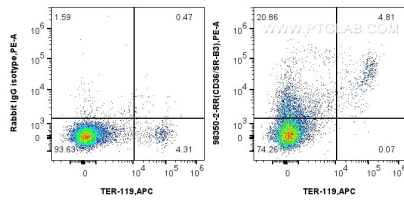
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

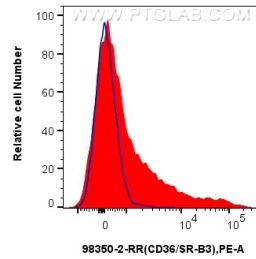
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD36 Rabbit RecAb (98350-2-RR, Clone:242662C12) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-conjugated Goat Anti-Rabbit IgG. Cells were then stained with APC Anti-Mouse TER-119. Cells were not fixed. This data was developed using the same antibody clone with 98350-2-PBS in a different storage buffer formulation.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD36 Rabbit RecAb (98350-2-RR, Clone: 242662C12) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98350-2-PBS in a different storage buffer formulation.