

For Research Use Only

Anti-Human CD36 (SM Φ)

Catalog Number: 65248-1-Ig



Basic Information

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|--------------------------------------|--|--|
| Catalog Number: 65248-1-Ig | GenBank Accession Number: BC008406 | Purification Method: Affinity purification |
| Size: 100ug, 0.5 mg/ml | GeneID (NCBI): 948 | CloneNo.: SM Φ |
| Source: Mouse | UNIPROT ID: P16671 | |
| Isotype: IgM, kappa | Full Name: CD36 molecule (thrombospondin receptor) | |
| | Calculated MW: 472 aa, 53 kDa | |

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

CD36, also named as 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, 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 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

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

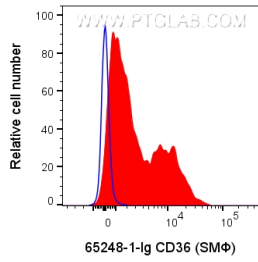
T: 4006900926

E: Proteintech-CN@ptglab.com

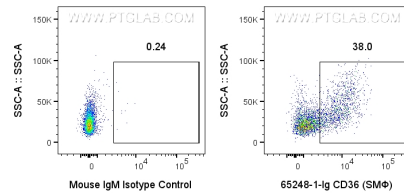
W: ptgcn.com

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Selected Validation Data



100ul human peripheral blood platelets (diluted 1:2 in PBS) were surface stained with 0.2 ug Anti-Human CD36 (65248-1-Ig, Clone:SMΦ) or Mouse IgM Isotype Control (65243-1-Ig) and CoraLite®647-conjugated F(ab')₂ Fragment Goat Anti-Mouse IgG (H+L) (SA00014-8). Cells were not fixed.



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