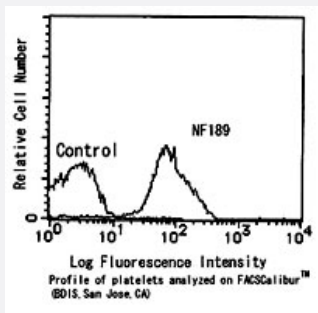


CD36 monoclonal antibody, clone NF189

Catalog # MAB1709 Size 50 ug

Applications



Flow Cytometry

Flow cytometric analysis of P3U1 cells stained with CD36 monoclonal antibody, clone NF189 (Cat # MAB1709).

Specification

Product Description Mouse monoclonal antibody raised against native CD36.

Immunogen Native purified human CD36.

Host Mouse

Reactivity Human

Form Liquid

Isotype IgG1

Quality Control Testing Antibody Reactive Against Native Purified Protein.

Recommend Usage Flow Cytometry (0.5-20 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (0.1% proclin, 2.0% Block Ace)

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry

Flow cytometric analysis of P3U1 cells stained with CD36 monoclonal antibody, clone NF189 (Cat # MAB1709).

Gene Info — CD36

Entrez GeneID [948](#)

Gene Name CD36

Gene Alias CHDS7, FAT, GP3B, GP4, GPIV, PASV, SCARB3

Gene Description CD36 molecule (thrombospondin receptor)

Omim ID [173510](#) [248310](#) [608404](#) [610938](#) [611162](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is the fourth major glycoprotein of the platelet surface and serves as a receptor for thrombospondin in platelets and various cell lines. Since thrombospondins are widely distributed proteins involved in a variety of adhesive processes, this protein may have important functions as a cell adhesion molecule. It binds to collagen, thrombospondin, anionic phospholipids and oxidized LDL. It directly mediates cytoadherence of Plasmodium falciparum parasitized erythrocytes and it binds long chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport. Mutations in this gene cause platelet glycoprotein deficiency. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

CD36 antigen|CD36 antigen (collagen type I receptor, thrombospondin receptor)|PAS-4 protein|cluster determinant 36|fatty acid translocase|glycoprotein IIb|leukocyte differentiation antigen CD36|platelet glycoprotein IV|scavenger receptor class B, member

Pathway

- [Adipocytokine signaling pathway](#)
- [ECM-receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [PPAR signaling pathway](#)

Disease

- [Anemia](#)
- [Angina Pectoris](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Macular Degeneration](#)
- [Malaria](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Osteoarthritis](#)
- [Perception](#)
- [Taste](#)