

CD36 monoclonal antibody, clone CB38 (NL07)

Catalog # MAB10174 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against CD36.
Immunogen	Living human myeloid cells.
Host	Mouse
Theoretical MW (kDa)	85-113
Reactivity	Human
Form	Liquid
Purification	Precipitation method
Isotype	IgM
Recommend Usage	Flow Cytometry (1 ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

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 serve s 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 imp ortant functions as a cell adhesion molecule. It binds to collagen, thrombospondin, anionic phosph olipids and oxidized LDL. It directly mediates cytoadherence of Plasmodium falciparum parasitiz ed erythrocytes and it binds long chain fatty acids and may function in the transport and/or as a re gulator of fatty acid transport. Mutations in this gene cause platelet glycoprotein deficiency. Multipl e 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 cl uster 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](#)