



Rabbit Anti-CD36 monoclonal antibody, clone KK316 (CABT-L823)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	CD36
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KK316
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	53 kDa
Cellular Localization	Cell membrane, Membrane raft, Golgi apparatus, Apical cell membrane.
Positive Control	Human spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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BACKGROUND

Introduction	CD36 (collagen type I receptor, thrombospondin receptor, FAT, GP4, GP3B, GPIV, PASIV, SCARB3) is a membrane glycoprotein on platelets, monocytes and umbilical vein endothelial cells. CD36 binds to collagen, thrombospondin, anionic phospholipids and oxidized LDL. CD36 plays a key role in both phagocytosis and lipid recycling, for constant production of mature spermatozoa. Mutations in this gene cause platelet glycoprotein deficiency. Three alternatively spliced transcript variants encoding the same protein isoform have been found for this gene. Thrombospondins are widely distributed proteins that influence a variety of adhesive processes and CD36 may have important functions as a cell adhesion molecule.
Keywords	Adipocyte membrane protein;BDPLT10;CD36;CD36 antigen (collagen type I receptor, thrombospondin receptor);CD36 antigen;CD36 molecule (thrombospondin receptor);CD36 molecule;CD36_HUMAN;CHDS7;Cluster determinant 36;Collagen receptor, platelet;FAT;Fatty acid translocase;Fatty acid transport protein;Glycoprotein IIIb;GP IIIb;GP3B;GP4;GPIIB;GPIV;Leukocyte differentiation antigen CD36;MGC108510;MGC91634;PAS 4 protein;PAS IV;PAS-4;PASIV;Platelet collagen receptor;Platelet glycoprotein 4;Platelet glycoprotein IV;scarb3;Scavenger receptor class B member 3;Thrombospondin receptor antibody

GENE INFORMATION

Entrez Gene ID	4683
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