

CD36 recombinant antibody

Rabbit anti-CD36 Recombinant Monoclonal Antibody [BLR238K]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213654	Rabbit	Human	Immunocytochemistry, Immunohistochemistry, Western Blot

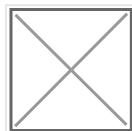
PRODUCT SYNONYMS

CD36; Monoclonal Recombinant Antibody; Rabbit anti-CD36 Recombinant Monoclonal Antibody [BLR238K]; scavenger receptor class B; member 3; leukocyte differentiation antigen CD36; Thrombospondin receptor; PAS-4; PAS IV; PASIV; Platelet collagen receptor; platelet glycoprotein 4; SCARB3; GPIV; platelet glycoprotein IV; CD36 antigen (collagen type I receptor; thrombospondin receptor); PAS-4 protein; GPIIB; CD antigen CD36; CD36 molecule (thrombospondin receptor); CHDS7; cluster determinant 36; FAT; fatty acid translocase; glycoprotein IIIb; GP3B; GP4; BDPLT10; Platelet glycoprotein 4; CD36 molecule; CD36 recombinant antibody

PRODUCT SPECIFICATIONS

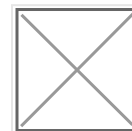
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR238K
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for CD36 recombinant antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Residues 30-439 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CD36 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, MUTZ-3, HEK293T, HEL 92.1.7, and Jurkat cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD36 recombinant monoclonal antibody (AAA213654 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-COPB2 antibody .



IHC (Immunohistochemistry)

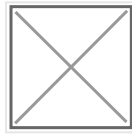
Detection of human CD36 by immunohistochemistry. Sample: FFPE section of spleen. Antibody: Rabbit anti-CD36 recombinant monoclonal antibody (AAA213654). Secondary: HRP-conjugated goat anti-rabbit IgG .

**IHC (Immunohistochemisry)**

Detection of human CD36 by immunohistochemistry. Sample: FFPE section of adipose tissue.
Antibody: Rabbit anti-CD36 recombinant monoclonal antibody (AAA213654). Secondary:
HRP-conjugated goat anti-rabbit IgG .

**ICC (Immunocytochemistry)**

Detection of human CD36 by immunocytochemistry. Sample: FFPE section of HEL 92.1.7 cells. Antibody: Rabbit anti-CD36 recombinant monoclonal antibody (AAA213654). Secondary:
HRP-conjugated goat anti-rabbit IgG .

**ICC (Immunocytochemistry)**

Detection of human CD36 by immunocytochemistry. Sample: FFPE section of MUTZ-3 cells.
Antibody: Rabbit anti-CD36 recombinant monoclonal antibody (AAA213654). Secondary:
HRP-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for CD36 recombinant antibody	CD36 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, CD36 has a variety of 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. [taken from NCBI Entrez Gene (Gene ID: 948)].
Product Categories/Family for CD36 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	48375178
NCBI GeneID	948
NCBI Accession #	NP_000063.2
NCBI GenBank Nucleotide #	NM_000072.3
UniProt Accession #	P16671 ; Q13966 ; Q16093 ; Q8TCV7 ; Q9BPZ8 ; Q9BQC2 ; Q9BZM8 ; Q9BZN3 ; D9IX66 ; D9IX67 ; D9IX68 ; D9IX69
Molecular Weight	46,090 Da
NCBI Official Full Name	platelet glycoprotein 4 isoform 1
NCBI Official Synonym Full Names	CD36 molecule
NCBI Official Symbol	CD36
NCBI Official Synonym Symbols	FAT; GP4; GP3B; GPIV; CHDS7; PASIV; SCARB3; BDPLT10
NCBI Protein Information	platelet glycoprotein 4
UniProt Protein Name	Platelet glycoprotein 4
UniProt Gene Name	CD36
UniProt Synonym Gene Names	GP3B; GP4; FAT; GPIIIB; GPIV
UniProt Entry Name	CD36_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

