

Rabbit anti-Mouse CD36 Polyclonal Antibody | anti-CD36 antibody

Anti-CD36 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257155	Rabbit	Mouse	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, ELISA

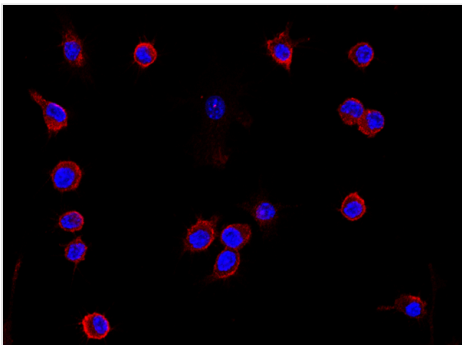
PRODUCT SYNONYMS

CD36; Polyclonal Antibody; Anti-CD36 Antibody; Rabbit Polyclonal; CD36/SCARB3 Antibody; Rabbit PAb; Antigen Affinity Purified; CD36 molecule (thrombospondin receptor); Anti-FAT Antibody; Anti-GPIV Antibody; Anti-Scarb3 Antibody; anti-CD36 antibody

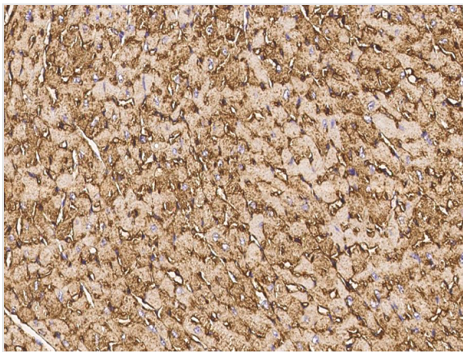
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CD36/SCARB3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD36 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse CD36/SCARB3 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CD36/SCARB3 (rM CD36/SCARB3). CD36/SCARB3 specific IgG was purified by Mouse CD36/SCARB3 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

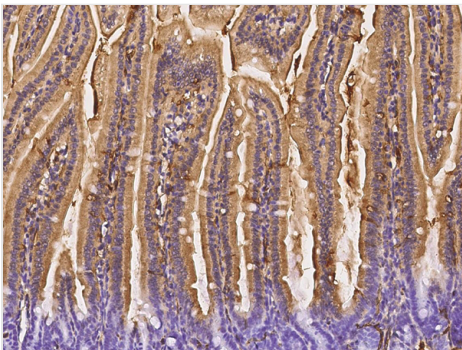
IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of mCD36 in RAW264.7 cells. Cells were fixed with 4% PFA,blocked with 10% serum, and incubated with rabbit anti-mouse mCD36 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to cell membrane and cytoplasm.



IHC (Immunohistochemistry)
Immunochemical staining of mouse CD36 in mouse heart with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of mouse CD36 in mouse small intestine with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CD36 antibody	The cluster of differentiation (CD) system is commonly used as cell markers in Immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. Cluster of differentiation 36 (CD36), also known as FAT, SCARB3, GP88, glycoprotein IV (gpIV) and glycoprotein IIb (gpIIb), is a member of the CD system as well as the class B scavenger receptor family of cell surface proteins. CD36 can be found on the surface of many cell types in vertebrate animals and it consists of 472 amino acids and is extensively glycosylated. It is an integral membrane protein primarily serving as receptors for thrombospondin and collagen and by the erythrocytes infected with the human malaria parasite. The role of CD36 as a cell surface receptor has been extended to that of a signal transduction molecule.
Product Categories/Family for anti-CD36 antibody	Cancer Drug Targets
References	Zola H, et al. (2007) CD molecules 2006-human cell differentiation molecules. J Immunol Methods. 318 (1-2): 1-5.Ho IC, et al. (2009) GATA3 and the T-cell lineage: essential functions before and after T-helper-2-cell differentiation. Nat Rev Immunol. 9 (2): 125-35.Matesanz-Isabel J, et al. (2011) New B-cell CD molecules. Immunology Letters.134 (2): 104-12.Greenwalt RH, et al. (1992) Membrane glycoprotein in CD36: a review of its roles in adherence, signal transduction, and transfusion medicine. The journal of the American society of hematology. 80 (5): 1105-15.

NCBI AND UNIPROT INFORMATION

NCBI GI #	227116353
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NCBI GeneID	12491
NCBI Accession #	NP_001153030.1
NCBI GenBank Nucleotide #	NM_001159558.1
UniProt Accession #	Q08857
Molecular Weight	52,698 Da
NCBI Official Full Name	platelet glycoprotein 4
NCBI Official Synonym Full Names	CD36 antigen
NCBI Official Symbol	Cd36
NCBI Official Synonym Symbols	FAT; GPIV; Scarb3
NCBI Protein Information	platelet glycoprotein 4
UniProt Protein Name	Platelet glycoprotein 4
UniProt Gene Name	Cd36
UniProt Synonym Gene Names	GPIIIB; GPIV
UniProt Entry Name	CD36_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd36-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/257155>