

Mouse anti-Human CD36 Monoclonal Antibody | anti-CD36 antibody

Anti-CD36 [185-1G2 (B467)]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72155	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunofluorescence, Immunohistochemistry

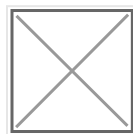
PRODUCT SYNONYMS

CD36; Monoclonal Antibody; Anti-CD36 [185-1G2 (B467)]; SRB1; Scavenger receptor class B member 1; CD36 and LIMPII analogous 1; CLA-1; CD36 antigen-like 1; Collagen type I receptor; thrombospondin receptor-like 1; SR-BI; anti-CD36 antibody

PRODUCT SPECIFICATIONS

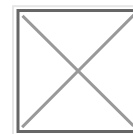
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgM, kappa
Clone Number	185-1G2 (B467)
Specificity	This antibody is specific against CD36. The antibody recognizes an epitope between amino acids 155 - 183. CD36 is a receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells. It acts as a receptor for hepatitis C virus in hepatocytes and appears to facilitate its cell entry as well as mediates uptake of M. fortuitum, E. coli and S. aureus.
Purity/Purification	Purified antibody. Affinity Purified using a recombinant lectin column
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD36 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), Blocking
PMID	11238109
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of fixed HepG2 cells with anti-CD36 antibody 185-1G2 (B467) (AAA72155) Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of 185-1G2 (B467) at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.



WB (Western Blot)

Western Blot using anti-CD36 antibody 185-1G2 (B467) (AAA72155) Human peripheral blood monocyte cell lysate (35ug protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of 185-1G2 (B467) at 0.03ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-CD36 antibody	Recombinant monoclonal antibody to CD36. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 185-1G2 (B467). Nordic MUBio This antibody was raised by immunizing mice with stimulated human leukocytes.
Product Categories/Family for anti-CD36 antibody	immunology ; cancer ; haematology ; hematology
References	Miao et al. CD36 associates with CD9 and integrins on human blood platelets. Blood. 2001 Mar 15;97(6):1689-96. Note on publication: The article describes the use of the 185-1G2 antibody in immunoprecipitations.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37999904
NCBI GeneID	949
UniProt Accession #	Q8WTV0 ; Q14016 ; Q52LZ5 ; Q6KFX4 ; F8W8N0
Molecular Weight	552
NCBI Official Full Name	Scavenger receptor class B member 1
NCBI Official Synonym Full Names	scavenger receptor class B, member 1
NCBI Official Symbol	SCARB1
NCBI Official Synonym Symbols	CLA1; SRB1; CLA-1; SR-BI; CD36L1; HDLQTL6
NCBI Protein Information	scavenger receptor class B member 1; CD36 and LIMPII analogous 1; scavenger receptor class B type III; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1
UniProt Protein Name	Scavenger receptor class B member 1
UniProt Gene Name	SCARB1
UniProt Synonym Gene Names	CD36L1; CLA1; SRB1; CLA-1
UniProt Entry Name	SCRB1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd36-antibody-clone-185-1g2-b467-flow-cytometry-immunoprecipitation-immunofluorescence-immunohistochemistry-elisa/72155>