

Rabbit Scavenging SR-BI Monoclonal Antibody | anti-SCARB1 antibody

Scavenging Receptor SR-BI Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29995	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

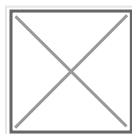
PRODUCT SYNONYMS

Scavenging SR-BI; Monoclonal Antibody; Scavenging Receptor SR-BI Antibody; CD36 and LIMPII analogous 1 antibody; CD36 antibody; CD36 Antigen like 1 antibody; CD36 antigen-like 1 antibody; CD36L1 antibody; CLA 1 antibody; CLA-1 antibody; CLA1 antibody; Collagen type I receptor antibody; HDLQTL6 antibody; MGC138242 antibody; SCARB1 antibody; Scavebger Receptor Class B Member 1 antibody; Scavenger receptor class B member 1 antibody; Scavenger Receptor Class B Type 1 antibody; SCRB1_HUMAN antibody; SR BI antibody; SR-BI antibody; SRB1 antibody; SRBI antibody; Thrombospondin receptor like 1 antibody; thrombospondin receptor-like 1 antibody; anti-SCARB1 antibody

PRODUCT SPECIFICATIONS

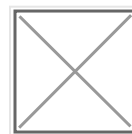
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SR37-06
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SCARB1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-5000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining Scavenging Receptor SR-BI in PC-12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

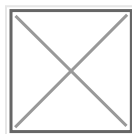
ICC staining Scavenging Receptor SR-BI in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

**IHC (Immunohistochemistry)**

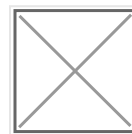
Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Scavenging Receptor SR-BI antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-Scavenging Receptor SR-BI antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Scavenging Receptor SR-BI antibody. Counter stained with hematoxylin.

**WB (Western Blot)**

Western blot analysis of Scavenging Receptor SR-BI on different lysates using anti-Scavenging Receptor SR-BI antibody at 1/1, 000 dilution. Positive control: Lane 1: Human liver
Lane 2: Mouse liver

ADDITIONAL INFORMATION

Related Product Information for anti-SCARB1 antibody

The macrophage class A scavenger receptors (SR-A) type I and II mediate the uptake of modified low density lipoprotein (LDL), while the scavenger receptor class B type 1 (SR-B1) mediates the selective uptake of cholesterol and cholesterol esters (CE) from HDLs into cells. SREC, Ox-LDL-R1, SR-A and SR-B1 may all be involved in the early development of atherosclerosis. SR-B1, an integral membrane protein, acts as a receptor for various ligands, including apoptotic cells, cholesterol ester, phospholipids, lipoproteins and phosphatidyl-serine. SR-B1, which may be involved in phagocytosis of apoptotic cells, enables the movement of cholesterol between the cell surface and extracellular donors and acceptors. Although it is widely expressed, SR-B1 localizes primarily to cholesterol and sphingomyelin-enriched domains within the plasma membrane, called caveolae.

Product Categories/Family for anti-SCARB1 antibody

Total protein Ab

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 LIMP2 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.

