

Scavenging Receptor SR-BI Rabbit mAb

Catalog No: #48651

Package Size: #48651-1 50ul #48651-2 100ul

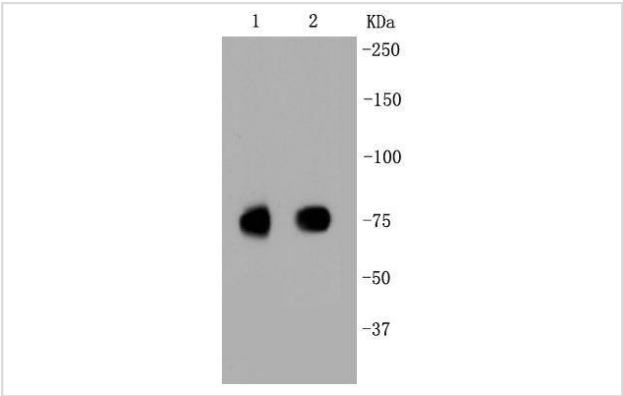
Description

Product Name	Scavenging Receptor SR-BI Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SR37-06
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	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
Accession No.	Swiss-Prot#:Q8WTV0
Calculated MW	80 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

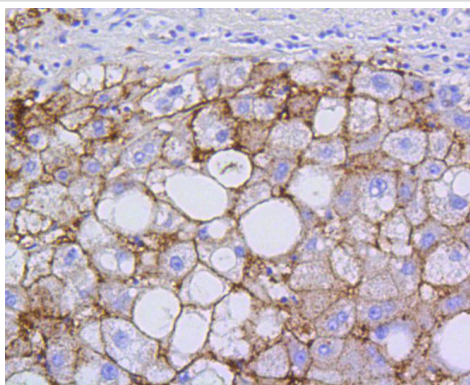
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:200

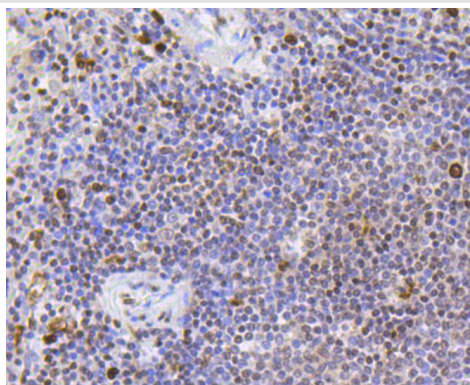
Images



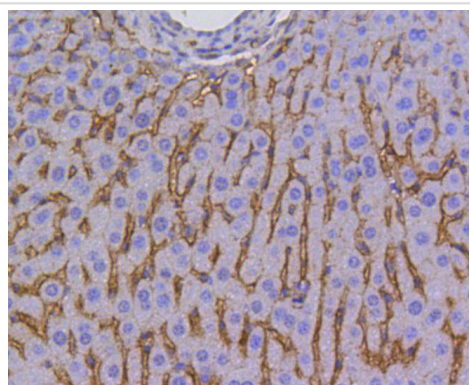
Western blot analysis of Scavenging Receptor SR-BI on different lysates using anti-Scavenging Receptor SR-BI antibody at 1/1,000 dilution. Positive control: Lane 1: Human liver Lane 2: Mouse liver



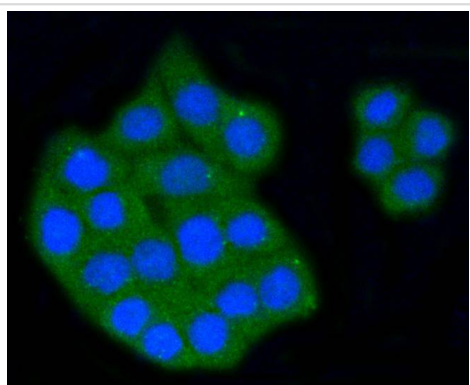
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Scavenging Receptor SR-BI antibody. Counter stained with hematoxylin.



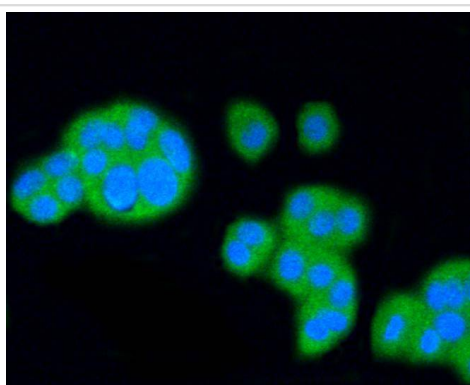
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-Scavenging Receptor SR-BI antibody. Counter stained with hematoxylin.



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



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.



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.

Background

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.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.