

SCARB1 Rabbit monoclonal antibody

Catalog: BS9858M

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 61, 80 kDa

Swiss-Prot:

Q8WTV0

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:5000

ICC/IHC: 1:50-1:200

FC: 1:50-1:200

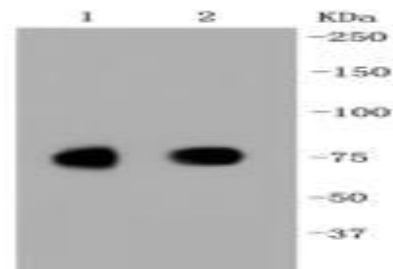
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of SCARB1 and does not cross-react with related proteins.

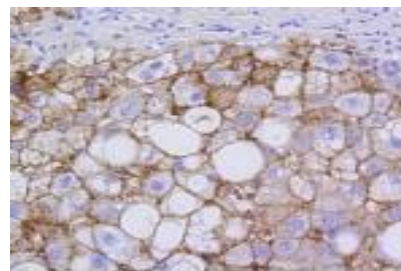
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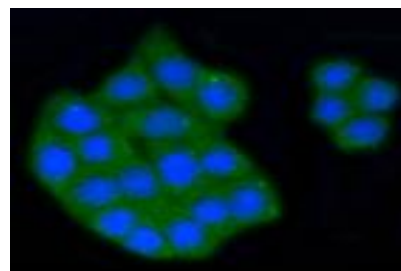
Western blot (WB) analysis of SCARB1 Rabbit mAb at 1:1000 dilution

Lane1: The liver tissue lysate of Human

Lane2: The liver tissue lysate of Mouse



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-SCARB1 antibody. Counter stained with hematoxylin.



ICC staining SCARB1 in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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