



Rabbit Anti-SCARB1 monoclonal antibody, clone TS48-17 (DCABH-9083)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Scavenging Receptor SR-BI
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TS48-17
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC, IHC, FC
Molecular Weight	80 kDa
Cellular Localization	Cell membrane, Membrane.
Positive Control	CRC, PC-12, human liver tissue, mouse liver tissue, human spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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BACKGROUND

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