



SR-BI mouse mAb

Catalog No	YP-mAb-18173
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SCARB1 CD36L1 CLA1
Immunogen	Synthesized peptide derived from human SR-BI
Specificity	This antibody detects endogenous levels of SR-BI at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SCARB1;CD36;CD36 antigen-like 1;CLA 1;CLA1;SCARB1 CD36L1 CLA1; Scavenger receptor class B member 1 (SRB1) (CD36 and LIMP2I1 analogous 1) (CLA-1) (CD36 antigen-like 1) (Collagen type I receptor;thrombospondin receptor-like 1) (SR-BI) (CD antigen CD36); thrombospondin receptor-like 1) (SR-BI) (CD antigen CD36)
Observed Band	61-82 kDa
Calculated Molecular Weight	552 aa, 61 kDa
Cell Pathway	Cell membrane ; Multi-pass membrane protein. Membrane, caveola ; Multi-pass membrane protein. Predominantly localized to cholesterol and sphingomyelin-enriched domains within the plasma membrane,
Tissue Specificity	Widely expressed.
Function	Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells . Receptor for HDL, mediating selective uptake of cholesteryl ether and HDL-dependent cholesterol efflux . Also facilitates the flux of free and esterified cholesterol between the cell surface and apoB-containing lipoproteins and modified lipoproteins, although less efficiently than HDL. May be involved in the phagocytosis of apoptotic cells, via its phosphatidylserine binding activity . ; (Microbial infection) Acts as a



receptor for hepatitis C virus in hepatocytes and appears to facilitate its cell entry . Binding between SCARB1 and the hepatitis C virus glycoprotein E2 is independent of the genotype of the viral isolate . ; (Microbial infection) Mediates uptake of M.fortuitum, E.coli and S.aureus. ; (Microbial infection) Facilitates the entry of human coron

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images