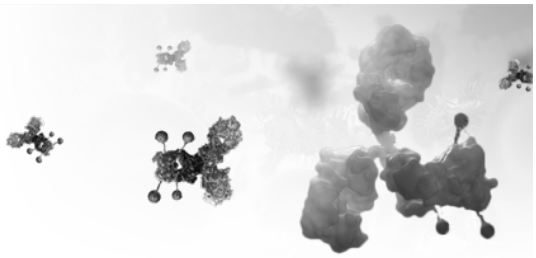

Mouse SCARB1 peptide (DAG-P1944)

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

PRODUCT INFORMATION

Antigen Description	Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells. Probable receptor for HDL, located in particular region of the plasma membrane, called caveolae. Facilitates the flux of free and esterified cholesterol between the cell surface and extracellular donors and acceptors, such as HDL and to a lesser extent, apoB-containing lipoproteins and modified lipoproteins. Probably involved in the phagocytosis of apoptotic cells, via its phosphatidylserine binding activity. Receptor for hepatitis C virus glycoprotein E2. Binding between SCARB1 and E2 was found to be independent of the genotype of the viral isolate. Plays an important role in the uptake of HDL cholesteryl ester.
Specificity	Widely expressed.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the CD36 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	Scarb1 scavenger receptor class B, member 1 [Mus musculus (house mouse)]
Official Symbol	SCARB1
Synonyms	SCARB1; scavenger receptor class B, member 1; CD36; Cla1; SRBI; Srb1; Cla-1; Hdlq1; SR-B1; SR-BI; Cd36l1; Hlb398; mSR-BI; AI120173; D5Ertd460e; scavenger receptor class B member 1; HDL QTL 1; scavenger receptor class B1; scavenger receptor class B type I;

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Entrez Gene ID	20778
mRNA Refseq	NM_001205082.1
Protein Refseq	NP_001192011.1
UniProt ID	D3Z2V4
Chromosome Location	5 G1.1; 5 64.11 cM
Pathway	Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Binding and Uptake of Ligands by Scavenger Receptors, organism-specific biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; HDL-mediated lipid transport, organism-specific biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein met
Function	apolipoprotein A-I binding; apolipoprotein binding; apolipoprotein binding; high-density lipoprotein particle binding; high-density lipoprotein particle receptor activity; high-density lipoprotein particle receptor activity; lipopolysaccharide binding; li

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