10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# SCARB1 Recombinant Rabbit mAb

Catalog # AP100088

## Product Information

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| **Application** | WB, IHC-P, IHC-F, IF, IP, E |
| **Primary Accession** | Q14108 |
| **Other Accession** | Q14108 |
| **Reactivity** | Rat, Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Recombinant |
| **Calculated MW** | 54290 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Belongs to the CD36 family. |
| **SUBUNIT** | Plays a critical role in HCV attachment and/or cell entry by interacting with HCV E1/E2 glycoproteins heterodimer. The C-terminal region binds to PDZK1. |
| **Post-translational modifications** | N-glycosylated. |
| **Background Descriptions** | High density lipoproteins (HDLs) play a critical role in cholesterol metabolism and their plasma concentrations are inversely correlated with risk for atherosclerosis. The SR-BI (Scavenger Receptor BI) protein binds HDLs and mediates selective uptake of HDL cholesteryl ester. SR-BI binds HDL with high affinity, is expressed primarily in liver and nonplacental steroidgenic tissues, and mediates selective cholesterol uptake by a distinct mechanism. In mice, it seems that SR-BI plays a key role in determining the levels of plasma lipoprotein cholesterol and the accumulation of cholesterol stores in the adrenal gland. Scavenging Receptor SR-BI plays a critical role in HCV attachment and/or cell entry by interacting with HCV E1/E2 glycoproteins heterodimer. |

## Additional Information

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| **Gene ID** | 950 |
| **Other Names** | CD36L1; CLA-1; CLA1; HDLCQ6; HDLQTL6; SR-BI; SRB1; AMRF; CD36L2; EPM4; HLGP85; LGP85; LIMP-2; LIMPII; SR-BII; 9330185J12Rik; LIMP II; MLGP85; CD36; Chohd1; D5Ertd460e; Hdlq1; Hlb398; SR-B1; SRBI; mSR-BI; SCRB2_HUMAN; SCARB2; 85 kDa lysosomal membrane sialoglycoprotein (LGP85); CD36 antigen-like 2; Lysosome membrane protein II (LIMP II); Scavenger receptor class B member 2; LIMP2; SCRB1_HUMAN; SCARB1; CD36 and LIMPII analogous 1 (CLA-1); CD36 antigen-like 1; Collagen type I receptor, thrombospondin receptor-like 1; SCRB2_MOUSE; SCRB1_MOUSE; SCRB2_RAT; SCRB1_RAT; scavenger receptor class B member 1; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1; scavenger receptor class B, member 1; Scavenger receptor class B member 1 (SRB1) (CD36 and LIMPII analogous 1) (CLA-1) (CD36 antigen-like 1) (Collagen type I receptor, |

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| | thrombospondin receptor-like 1) (SR-BI) (CD antigen CD36) |
| **Dilution** | IHC-P=1:50-200,IHC-F=1:50-200,WB=1:500-2000,IF=1:50-200,ELISA=1:5000-10000,IP=1:50-200 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | SCARB2 |
| **Synonyms** | CD36L2, LIMP2, LIMPII |
| **Function** | Acts as a lysosomal receptor for glucosylceramidase (GBA1) targeting. |
| **Cellular Location** | Lysosome membrane; Multi-pass membrane protein |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.