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SCARB2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SCARB2.
Catalog # AT3784a

Product Information

Application	E
Primary Accession	Q14108
Other Accession	NM_005506
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1C8
Calculated MW	54290

Additional Information

Gene ID	950
Other Names	Lysosome membrane protein 2, 85 kDa lysosomal membrane sialoglycoprotein, LGP85, CD36 antigen-like 2, Lysosome membrane protein II, LIMP II, Scavenger receptor class B member 2, CD36, SCARB2, CD36L2, LIMP2, LIMPII
Target/Specificity	SCARB2 (NP_005497, 339 a.a. ~ 437 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SCARB2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

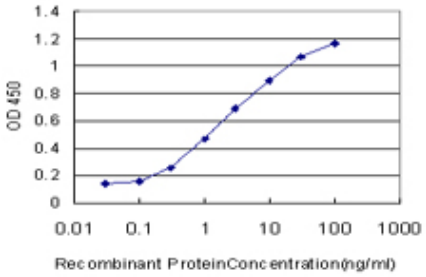
Background

The protein encoded by this gene is a type III glycoprotein that is located primarily in limiting membranes of lysosomes and endosomes. Studies of the similar protein in mice and rat suggested that this protein may participate in membrane transportation and the reorganization of endosomal/lysosomal compartment. Deficiency of the similar protein in mice was reported to impair cell membrane transport processes and cause pelvic junction obstruction, deafness, and peripheral neuropathy.

References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Physiogenomic analysis of statin-treated patients: domain-specific counter effects within the ACACB gene on low-density lipoprotein cholesterol? Rua?o G, et al. Pharmacogenomics, 2010 Jul. PMID 20602615.New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.Distribution of smooth muscle cells and macrophages expressing scavenger receptor BI/II in atherosclerosis. Ishikawa Y, et al. J Atheroscler Thromb, 2009. PMID 20032583.Disease-causing mutations within the lysosomal integral membrane protein type 2 (LIMP-2) reveal the nature of binding to its ligand beta-glucocerebrosidase. Blanz J, et al. Hum Mol Genet, 2010 Feb 15. PMID 19933215.

Images



Detection limit for recombinant GST tagged SCARB2 is approximately 0.1ng/ml as a capture antibody.

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