

Anti-LIMP2/SR-B2 Antibody (7J773)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	7J773
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of mouse SCARB2 in mouse kidney with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of mouse SCARB2 in mouse brain with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	3. Immunofluorescence staining of mouse SCARB2 in mouse splenocytes. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-mouse SCARB2 monoclonal antibody (1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).
Application:	ICC/IF,IHC-P
Recommended	IHC-P: 1:100-1:500; ICC-IF: 1:20-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Mouse LIMP-2 / SCARB2 / CD36L2 protein (TMPY-01434)
Antigen Species:	Mouse
Synonyms:	LIMP2;SR-B2;AMRF;CD36L2;LIMP-2;scavenger receptor class B, member 2;EPM4;LGP85;HLGP85

Research Background

Lysosomal Integral Membrane Protein II (LIMP2), also known as SCARB2, LPG85, and CD36L2, is a type II multi-pass membrane glycoprotein that is located primarily in limiting membranes of lysosomes and endosomes on all tissues and cell types so far examined. This protein may participate in membrane transportation and the reorganization of endosomal/lysosomal compartment. LIMP2 is identified as a receptor for EV71 (human enterovirus species A, Enterovirus 71) and CVA16 (coxsackievirus A16) which are most frequently associated with hand, foot and mouth disease (HFMD). Expression of human LIMP2 enables normally unsusceptible cell lines to support the viruses' propagation and develop cytopathic effects. In addition, LIMP2 also has been shown to bind thrombospondin-1, and may contribute to the pro-adhesive changes of activated platelets during coagulation, and inflammation. Deficiency of the protein in mice impairs cell membrane transport processes and causes pelvic junction obstruction, deafness, and peripheral neuropathy.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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