SLA2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLA2, Polyclonal Antibody
Full Product Name	SLA2 Rabbit pAb
Product Gene Name	anti-SLA2 antibody
Product Synonym Names	MARS; SLAP2; SLAP-2; C20orf156
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	28kDa
OMIM	606577
3D Structure	ModBase 3D Structure for Q9H6Q3
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human SLA2 (NP_115590.1).
Cellular Localization	Cell Membrane, Cytoplasm, Cytoplasmic Vesicle, Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SLA2 antibody	Western Blot (WB)
Application Notes for anti-SLA2 antibody	WB: 1:500-1:2000
Related Product Information for anti-SLA2 antibody	Adapter protein, which negatively regulates T-cell receptor (TCR) signaling. Inhibits T-cell antigen-receptor induced activation of nuclear factor of activated T-cells. May act by linking signaling proteins such as ZAP70 with CBL, leading to a CBL dependent degradation of signaling proteins.
Other Notes	Small volumes of anti-SLA2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SLA2 purchase	MBS8548338 is an antibody targeting SLA2. Also known as SLA2 Rabbit pAb. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLA2. It may not necessarily be applicable to this product.

NCBI GI #	14149916
NCBI GeneID	84174
NCBI Accession #	NP_115590.1

UniProt Primary Accession #	Q9H6Q3
UniProt Related Accession #	Q9H6Q3
GenBank Nucleotide #	NP_115590.1
NCBI Official Full Name	src-like-adapter 2 isoform a
NCBI Official Synonym Full Names	Src like adaptor 2
NCBI Official Symbol	SLA2
NCBI Official Synonym Symbols	MARS; SLAP2; SLAP-2; C20orf156
UniProt Protein Name	Src-like-adapter 2
UniProt Synonym Protein Names	Modulator of antigen receptor signaling; MARS; Src-like adapter protein 2; SLAP-2
Protein Family	Protein
UniProt Gene Name	SLA2
UniProt Synonym Gene Names	C20orf156; SLAP2; MARS; SLAP-2
UniProt Entry Name	SLAP2_HUMAN
NCBI Protein Information	src-like-adapter 2
NCBI Summary for SLA2	This gene encodes a member of the SLAP family of adapter proteins. The encoded protein may play an important receptor-proximal role in downregulating T and B cell-mediated responses and inhibits antigen receptor-induced calcium mobilization. This protein interacts with Cas-Br-M (murine) ecotropic retroviral transforming sequence c. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for SLA2	SLAP2: Adapter protein, which negatively regulates T-cell receptor (TCR) signaling. Inhibits T-cell antigen-receptor induced activation of nuclear factor of activated T-cells. May act by linking signaling proteins such as ZAP70 with CBL, leading to a CBL dependent degradation of signaling proteins. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Vesicle; Adaptor/scaffold Chromosomal Location of Human Ortholog: 20q11.23 Cellular Component: late endosome; cytoplasmic membrane-bound vesicle; cytoplasm; plasma membrane; endosome membrane Molecular Function: protein binding; SH3/SH2 adaptor activity; protein N-terminus binding Biological Process: negative regulation of calcium-mediated signaling; antigen receptor-mediated signaling pathway; B cell mediated immunity; regulation of immune response; intracellular receptor-mediated signaling pathway; T cell activation; positive regulation of signal transduction; negative regulation of B cell activation; negative regulation of transcription from RNA polymerase II promoter
Research Articles on SLA2	**1.** SLAP2 SH3 and SH2 domains are separated by a short SH3-SH2 connector sequence.
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