

Rabbit S1PR4 / SIP4 / EDG6 Polyclonal Antibody | anti-S1PR4 antibody

Rabbit Polyclonal to Human S1PR4 / SIP4 / EDG6

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51350	Rabbit	Gorilla, Human Predicted Reactivity: Monkey, Mouse, Rat, Hamster (at least 90% immunogen sequence identity)	Immunohistochemistry

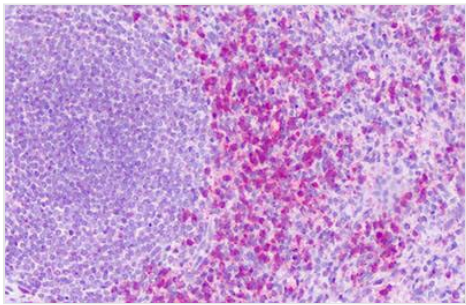
PRODUCT SYNONYMS

S1PR4 / SIP4 / EDG6; Polyclonal Antibody; Rabbit Polyclonal to Human S1PR4 / SIP4 / EDG6; Anti-S1PR4 / SIP4 / EDG6 Antibody (Cytoplasmic Domain) IHC-plus; S1PR4; EDG6; S1P receptor 4; S1P receptor Edg-6; S1P(4) receptor; EDG-6; LPC1; S1P4; SLP4; Human S1PR4; SIP4; anti-S1PR4 antibody

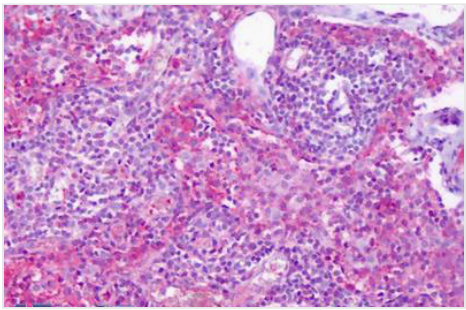
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Monkey, Mouse, Rat, Hamster (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human S1PR4 / EDG6. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	384
Applicable Applications for anti-S1PR4 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from 2nd cytoplasmic domain of human S1PR4 / EDG6. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Monkey, Marmoset, Mouse, Rat, Hamster (95%); Bovine, Pig (85%); Panda, Dog (80%).
Immunogen Type	Synthetic peptide
Immunogen	S1PR4 / SIP4 / EDG6 antibody was raised against synthetic 20 amino acid peptide from 2nd cytoplasmic domain of human S1PR4 / EDG6. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Monkey, Marmoset, Mouse, Rat, Hamster (95%); Bovine, Pig (85%); Panda, Dog (80%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-S1PR4 / EDG6 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 9.6 ug/ml.



IHC (Immunohistochemistry)
Anti-S1PR4 / EDG6 antibody IHC of human lymph node. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 9.6 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-S1PR4 antibody	EDG6, a Lysophospholipid/Lysosphingolipid Receptor, may regulate lymphocyte cell signaling. EDG6 is activated by sphingosine-1-phosphate.
Product Categories/Family for anti-S1PR4 antibody	Family: GPCR; Subfamily: Lysophospholipid/Lysosphingolipid

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503459
NCBI GeneID	8698
NCBI Accession #	NP_003766.1
NCBI GenBank Nucleotide #	NM_003775.3
UniProt Accession #	O95977; D6W612
Molecular Weight	41,623 Da
NCBI Official Full Name	sphingosine 1-phosphate receptor 4
NCBI Official Synonym Full Names	sphingosine-1-phosphate receptor 4
NCBI Official Symbol	S1PR4
NCBI Official Synonym Symbols	EDG6; LPC1; S1P4; SLP4
NCBI Protein Information	sphingosine 1-phosphate receptor 4; S1P receptor 4; S1P receptor Edg-6; sphingosine 1-phosphate receptor Edg-6; endothelial differentiation G-protein coupled receptor 6; endothelial differentiation, G protein coupled receptor 6; endothelial differentiation, G-protein-coupled receptor 6; endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 6
UniProt Protein Name	Sphingosine 1-phosphate receptor 4
UniProt Gene Name	S1PR4
UniProt Synonym Gene Names	EDG6; S1P receptor 4; S1P4; S1P receptor Edg-6
UniProt Entry Name	S1PR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.