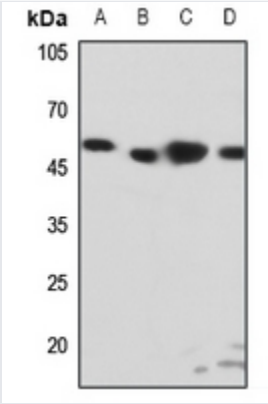
EDG6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EDG6, Polyclonal Antibody
Full Product Name	Anti-EDG6 Antibody
Product Gene Name	anti-EDG6 antibody
Product Synonym Gene Name	S1PR4
Product Synonym Names	EDG6; Sphingosine 1-phosphate receptor 4; S1P receptor 4; S1P4; Endothelial differentiation G-protein coupled receptor 6; Sphingosine 1-phosphate receptor Edg-6; S1P receptor Edg-6
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	41,623 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (3178736..3180330). Location: 19p13.3
OMIM	603751
3D Structure	ModBase 3D Structure for O95977
Applications Tested/Suitable for anti-EDG6 antibody	Western Blot (WB)
Related Product Information for anti-EDG6 antibody	Rabbit polyclonal antibody to EDG6 KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human EDG6. The exact sequence is proprietary.
Other Notes	Small volumes of anti-EDG6 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 EDG6 purchase	MBS9239322 is an antibody targeting EDG6. Reactive in Human, Mouse. Host: Rabbit.



Wester Blot (WB) of anti-EDG6 antibody
Dilution: WB (1/500 - 1/1000)Western blot analysis of EDG6 expression in HEK293T (A), Hela (B), HepG2 (C), mouse spleen (D) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EDG6. It may not necessarily be applicable to this product.

NCBI GI #	4503459
NCBI GeneID	8698
NCBI Accession #	NP_003766.1
UniProt Primary Accession #	O95977
UniProt Secondary Accession #	D6W612
UniProt Related Accession #	O95977
GenBank Nucleotide #	NM_003775.3
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
UniProt Protein Name	Sphingosine 1-phosphate receptor 4
UniProt Synonym Protein Names	Endothelial differentiation G-protein coupled receptor 6; Sphingosine 1-phosphate receptor Edg-6
UniProt Gene Name	S1PR4
UniProt Synonym Gene Names	EDG6; S1P receptor 4; S1P4
UniProt Entry Name	S1PR4_HUMAN
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 differentiatio
NCBI Summary for EDG6	This gene is a member of the endothelial differentiation, G-protein-coupled (EDG)) receptor gene family. EDG receptors bind lysophospholipids or lysosphingolipids as ligands, and are involved in cell signalling in many different cell types. This EDG receptor gene is intronless and is specifically expressed in the lymphoid tissue. [provided by RefSeq, Jul 2008]
UniProt Comments for EDG6	S1PR4: Receptor for the lysosphingolipid sphingosine 1- phosphate (S1P). S1P is a bioactive lysophospholipid that elicits diverse physiological effect on most types of cells and tissues. May be involved in cell migration processes that are specific for lymphocytes. Belongs to the G-protein coupled receptor 1 family. Protein type: Receptor, GPCR; Membrane protein, multi-pass; GPCR, family 1; Membrane protein, integral Chromosomal Location of Human Ortholog: 19p13.3 Cellular Component: integral to plasma membrane; plasma membrane Molecular Function: G-protein coupled receptor activity; lipid binding Biological Process: G-protein coupled receptor protein signaling pathway; elevation of cytosolic calcium ion concentration; phospholipase C activation; immune response; G-protein signaling, adenylate cyclase activating pathway
Research Articles on EDG6	**1.** analysis of novel potent and selective sphingosine-1-phosphate 4 receptor (S1P-R) agonists
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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