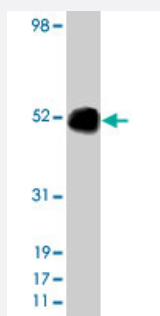


S1PR4 monoclonal antibody, clone 1

Catalog # MAB2018

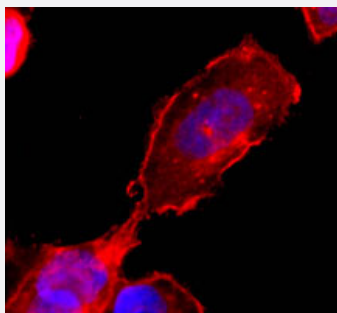
Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis using S1PR4 monoclonal antibody, clone 1 (Cat # MAB2018) on cell lysate transfected with S1PR4 protein at 5 ug/mL .



Immunofluorescence

IF on transiently transfected CHO cells. Developed with S1PR4 monoclonal antibody, clone 1 (Cat # MAB2018), nuclei are stained with DAPI.

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of S1PR4.
Immunogen	A synthetic peptide corresponding to C-terminus of S1PR4.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	Western blot (5 to 10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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- Flow Cytometry

Gene Info — S1PR4

Entrez GeneID	8698
Gene Name	S1PR4
Gene Alias	EDG6, LPC1, S1P4, SLP4
Gene Description	sphingosine-1-phosphate receptor 4
Omim ID	603751
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	Sphingosine 1-phosphate receptor 4 Sphingosine 1-phosphate receptor Edg-6 endothelial differentiation, G protein coupled receptor 6 endothelial differentiation, G-protein-coupled receptor 6 endothelial differentiation, lysophosphatidic acid G-protein-coupled

Publication Reference

- [Subtype-specific, differential activities of the EDG family receptors for sphingosine-1-phosphate, a novel lysophospholipid mediator.](#)

Takuwa Y, Okamoto H, Takuwa N, Gonda K, Sugimoto N, Sakurada S.

Molecular and Cellular Endocrinology 2001 May; 177(1-2):3.

Application: IHC, WB, Human, Lymphoid tissues

- [Sphingosine-1-phosphate is a ligand for the G protein-coupled receptor EDG-6.](#)

Van Brocklyn JR, Graler MH, Bernhardt G, Hobson JP, Lipp M, Spiegel S.

Blood 2000 Apr; 95(8):2624.

- [Edg-6 as a putative sphingosine 1-phosphate receptor coupling to Ca\(2+\) signaling pathway.](#)

Yamazaki Y, Kon J, Sato K, Tomura H, Sato M, Yoneya T, Okazaki H, Okajima F, Ohta H.

Biochemical and Biophysical Research Communications 2000 Feb; 268(2):583.

Pathway

- [Neuroactive ligand-receptor interaction](#)