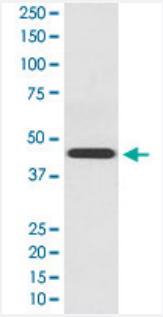
S1PR1 monoclonal antibody, clone AABO-19

Catalog # MAB20003 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate with S1PR1 monoclonal antibody, clone AABO-19 (Cat # MAB20003).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human S1PR1.
Immunogen	A synthetic peptide corresponding to human S1PR1.
Host	Rabbit
Theoretical MW (kDa)	42.811
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western Blot analysis of Jurkat cell lysate with S1PR1 monoclonal antibody, clone AABO-19 (Cat # MAB20003).

Gene Info — S1PR1

Entrez GeneID	1901
Protein Accession#	P21453
Gene Name	S1PR1
Gene Alias	CHEDG1, D1S3362, ECGF1, EDG-1, EDG1, FLJ58121, S1P1
Gene Description	sphingosine-1-phosphate receptor 1
Omim ID	601974
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is structurally similar to G protein-coupled receptors and is highl y expressed in endothelial cells. It binds the ligand sphingosine-1-phosphate with high affinity and high specificity, and suggested to be involved in the processes that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell adhesion. [provided by RefSeq
Other Designations	G protein-coupled sphingolipid receptor|OTTHUMP00000012525|endothelial differentiation, sphi ngolipid G-protein-coupled receptor, 1|sphingosine 1-phosphate receptor EDG1

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Asthma
- Atherosclerosis

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- Brain Ischemia
- Calcinosis
- Cardiovascular Diseases
- Coronary Artery Disease
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Myocardial Infarction
- Stroke

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