

EDG-1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02825
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human S1P Receptor EDG1. AA range:206-255
Mol wt	42696
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	EDG-1 Antibody
Synonyms	S1PR1; CHEDG1; EDG1; Sphingosine 1-phosphate receptor 1; S1P receptor 1; S1P1; Endothelial differentiation G-protein coupled receptor 1; Sphingosine 1-phosphate receptor Edg-1; S1P receptor Edg-1; CD

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Sphingosine-1-phosphate receptor 1 encoded by S1PR1 is structurally similar to G protein-coupled receptors and is highly 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. Alternative splicing results in multiple transcript variants.

Recommended Dilution

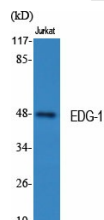
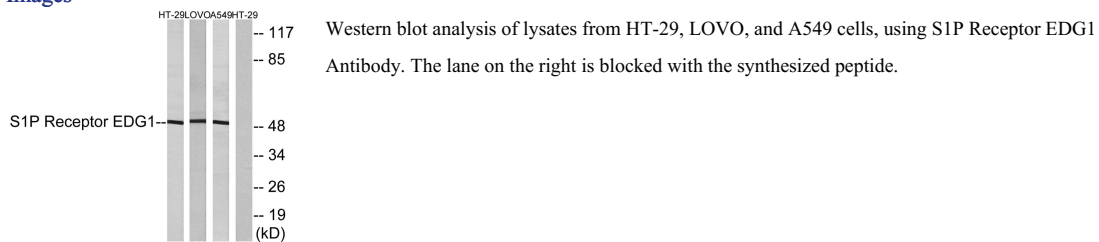
WB: 1: 500 - 1: 2000

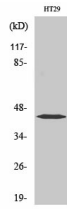
IF: 1: 200 - 1: 1000

ELISA: 1: 5000

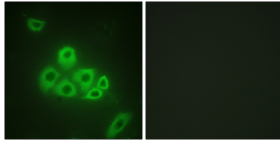
Not yet tested in other applications.

Images

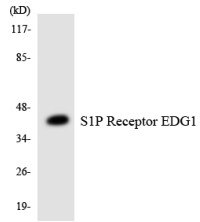




Western Blot analysis of A549 cells using EDG-1 Polyclonal Antibody



Immunofluorescence analysis of A549 cells, using S1P Receptor EDG1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using S1P Receptor EDG1 antibody.

Storage

-20°C for one year

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