

EDG-1(Phospho Thr236) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP15370

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human S1P Receptor EDG1 around

the phosphorylation site of Thr236. AA range:206-255

Mol wt 42696

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IF, ICC, ELISA

Concentration 1 mg/ml

Full name Sphingosine 1-phosphate receptor 1

Synonyms Sphingosine 1-phosphate receptor 1; 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 antigen CD363

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

Background

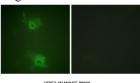
The protein encoded by this gene is structurally similar to G protein-coupled receptors and is highly expressed in endothelial cells. It binds the ligand sphingosine-1-phosphate with high affinity and high specificity, and suggested to be involved in the processes that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell adhesion. Alternative splicing results in multiple transcript variants.

Recommended Dilution

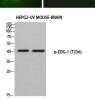
IF: 1: 200 - 1: 1000 ICC: 1: 200 - 1: 1000 ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunofluorescence analysis of COS7 cells, using S1P Receptor EDG1 (Phospho-Thr236) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of HEPG2-UV MOUSE-BRAIN using p-EDG-1 (T236) antibody. Antibody was diluted at 1:500

Storage

-20°C for 1 year

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