

For Research Use Only

S1PR1/EDG1 Polyclonal antibody, PBS Only

Catalog Number: 29318-1-PBS



Basic Information

Catalog Number:

29318-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28083

GenBank Accession Number:

BC018650

GeneID (NCBI):

1901

UNIPROT ID:

P21453

Full Name:

sphingosine-1-phosphate receptor 1

Calculated MW:

43 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

S1PR1 (sphingosine-1-phosphate receptor 1), also known as S1P1 or EDG1, is one of five G-protein-coupled receptors for sphingosine-1-phosphate (S1P) (PMID: 18787560). S1P1 and its receptors have important regulatory functions in normal physiology and disease processes, particularly involving the immune, central nervous, and cardiovascular systems (PMID: 21339489). S1PR1 is widely expressed in various cell types, including endothelial cells and lymphocytes (PMID: 14737169). S1P-S1PR1 plays a major role in lymphocyte egress and chemotaxis, cell proliferation and survival, and tumor angiogenesis and metastasis (PMID: 21102457).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

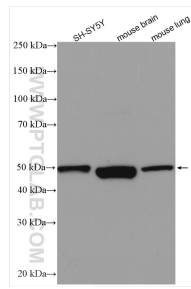
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29318-1-AP (S1PR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29318-1-PBS in a different storage buffer formulation.