

S1PR1 Conjugated Antibody

Catalog No: #C37288



Package Size: #C37288-AF350 100ul #C37288-AF405 100ul #C37288-AF488 100ul
 #C37288-AF555 100ul #C37288-AF594 100ul #C37288-AF647 100ul
 #C37288-AF680 100ul #C37288-AF750 100ul #C37288-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	S1PR1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total S1PR1 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human Sphingosine-1-phosphate receptor 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EDG1; S1P1; CD363; ECGF1; EDG-1; CHEDG1; D1S3362
Accession No.	Swiss-Prot#:P21453NCBI Gene ID:1901NCBI mRNA#:NCBI Protein#:NP_004711
Uniprot	P21453
GeneID	1901;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	43
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
 AF405 conjugated: most applications: 1: 50 - 1: 250
 AF488 conjugated: most applications: 1: 50 - 1: 250
 AF555 conjugated: most applications: 1: 50 - 1: 250
 AF594 conjugated: most applications: 1: 50 - 1: 250
 AF647 conjugated: most applications: 1: 50 - 1: 250
 AF680 conjugated: most applications: 1: 50 - 1: 250
 AF750 conjugated: most applications: 1: 50 - 1: 250

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.

Note: This product is for in vitro research use only