

S1PR5 Conjugated Antibody

Catalog No: #C37291



Package Size: #C37291-AF350 100ul #C37291-AF405 100ul #C37291-AF488 100ul
 #C37291-AF555 100ul #C37291-AF594 100ul #C37291-AF647 100ul
 #C37291-AF680 100ul #C37291-AF750 100ul #C37291-Biotin 100ul

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Description

Product Name	S1PR5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total S1PR5 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Sphingosine-1-phosphate receptor 5
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EDG8; S1P5; Edg-8; SPPR-1; SPPR-2
Accession No.	Swiss-Prot#:Q9H228NCBI Gene ID:53637NCBI mRNA#:NCBI Protein#:NP_003766
Uniprot	Q9H228
GeneID	53637;
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	42
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 lysosphingolipid sphingosine 1-phosphate (S1P) regulates cell proliferation, apoptosis, motility, and neurite retraction. Its actions may be both intracellular as a second messenger and extracellular as a receptor ligand. S1P and the structurally related lysolipid mediator lysophosphatidic acid (LPA) signal cells through a set of G protein-coupled receptors known as EDG receptors. Some EDG receptors are S1P receptors; others are LPA receptors.

Note: This product is for in vitro research use only