## For Research Use Only

## CoraLite®594-conjugated S1PR2 Polyclonal antibody



Catalog Number:CL594-21180

Featured Product

Basic Information	Catalog Number: CL594-21180	GenBank Accession Number: BC 069598	Purification Method: Antigen affinity purification
	Size: 1000 μg/ml	GeneID (NCBI): 9294	Recommended Dilutions: IF-P 1:50-1:500
	Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG15470	UNIPROT ID: O95136	Excitation/Emission maxima wavelengths:
		Full Name: sphingosine-1-phosphate receptor	588 nm / 604 nm 2
		Calculated MW: 353 aa, 39 kDa	
		Observed MW: 40-50 kDa	
Applications	Tested Applications: IF-P Species Specificity: human, mouse, rat	Positive Controls:	
		IF-P : mouse brain tissue,	
Background Information	S1PR2 (sphingosine-1-phosphate receptor 2), also known as as S1P2 or EDG5, is one of five G-protein-coupled receptors for sphingosine-1-phosphate (S1P), a biologically active metabolic product of sphingolipid (PMID: 18787560). S1P and its receptors have important regulatory functions in normal physiology and disease processes, particularly involving the immune, central nervous, and cardiovascular systems (PMID: 21339489). S1PR2 plays a role in acute vascular inflammation (PMID: 23723450). S1PR2 signaling is implicated in STAT3 activation (PMID: 22606352).		
Storage	Storage: Store at -20°C. Avoid exposure to Storage Buffer: PBS with 50% Glycerol, 0.05% Pro Aliquoting is unnecessary for -20°	light. oclin300, 0.5% BSA, pH 7.3. °C storage	

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Coralite®594 51PR2 antibody (CL594-21180) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 S1PR2 antibody (CL594-21180) at dilution of 1:200.