

For Research Use Only

# S1PR3 Recombinant antibody

Catalog Number: 84697-1-RR



## Basic Information

<b>Catalog Number:</b> 84697-1-RR	<b>GenBank Accession Number:</b> NM_005226	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 1903	<b>CloneNo.:</b> 241905C2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99500	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> sphingosine-1-phosphate receptor 3	
	<b>Calculated MW:</b> 42 kDa	
	<b>Observed MW:</b> 39 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, HepG2 cells, MCF-7 cells, HEK-293 cells, HeLa cells
<b>Species Specificity:</b> human	

## Background Information

S1PR3 (sphingosine-1-phosphate receptor 3), also known as S1P3 or EDG3, is one of five G-protein-coupled receptors for sphingosine-1-phosphate (S1P). 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). S1PR3 has a role in the development of a stable and mature vascular system during embryonic development (PMID: 15138255).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

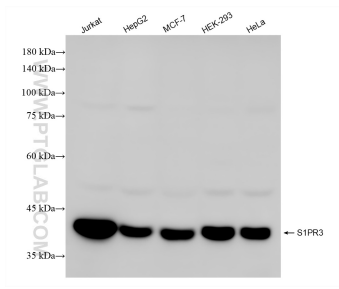
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84697-1-RR (S1PR3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.