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# anti-S1PR5 antibody (Extracellular, N-Term)

3 Images



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Quantity:	0.2 mL
Target:	S1PR5
Binding Specificity:	AA 24-39, Extracellular, N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S1PR5 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)KLRGARYQPGAGLRAD, corresponding to amino acid residues 24-39
	of mouse S1PR5 (EDG8)
Isotype:	IgG
Isotype: Characteristics:	lgG Anti-S1PR5/EDG8 (extracellular) Antibody (ABIN7043777, ABIN7045276 and ABIN7045277)) is
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	Anti-S1PR5/EDG8 (extracellular) Antibody (ABIN7043777, ABIN7045276 and ABIN7045277)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can

## **Target Details**

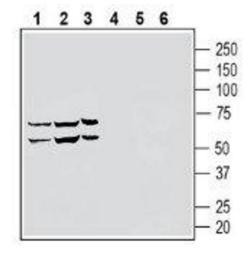
Target:	S1PR5	
Alternative Name:	S1PR5/EDG8 (S1PR5 Products)	
Background:	Alternative names: S1P receptor 5, S1P5, Endothelial differentiation G-protein-coupled receptor 8, Lysophospholipid receptor B4, Sphingosine 1-phosphate receptor Edg-8, S1P receptor Edg-8	
Gene ID:	94226	
NCBI Accession:	NM_030760	
UniProt:	Q91X56	

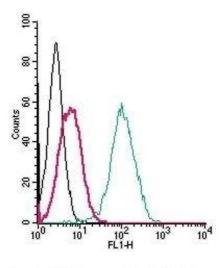
# **Application Details**

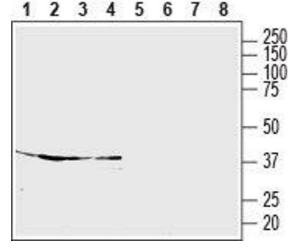
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

### Handling

Format:	Lyophilized
Reconstitution:	$25~\mu\text{L},50~\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature.  Upon arrival, it should be stored at -20°C.  Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week.  For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).







#### **Western Blotting**

Image 1. Western blot analysis of human THP-1 monocytic leukemia cell line lysate (lanes 1 and 4), human NK-92 natural killer cell line lysate (lanes 2 and 5) and human HL-60 promyelocytic leukemia cell line lysate (lanes 3 and 6) lysates:

- 1-3. Anti-S1PR5/EDG8 (extracellular) Antibody (ABIN7043777, ABIN7045276 and ABIN7045277), (1:200).4-6. Anti-S1PR5/EDG8 (extracellular) Antibody, preincubated with the negative control antigen.

#### **Flow Cytometry**

Image 2. Cell surface detection of S1PR5 by indirect flow cytometry in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Anti-S1PR5/EDG8 (extracellular) Antibody (ABIN7043777, ABIN7045276 and ABIN7045277), (2.5 μg) + goat-anti-rabbit-FITC

#### **Western Blotting**

**Image 3.** Western blot analysis of rat cortex (lanes 1 and 5), rat cerebellum (lanes 2 and 6), rat hippocampus (lanes 3 and 7) and mouse brain (lanes 4 and 8) lysates: - 1-4. Anti-S1PR5/EDG8 (extracellular) Antibody (ABIN7043777, ABIN7045276 and ABIN7045277), (1:200). 5-8. Anti-S1PR5/EDG8 (extracellular) Antibody, preincubated with S1PR5/EDG8 (extracellular) Blocking Peptide (#BLP-SR015).