



**Data Sheet (DS) 7TM0279B**

**Issuing Date:** 2023-07-05

Description	pS359/pS361/pS363-S1P5 (phospho-Sphingosine 1-Phosphate Receptor 5 Antibody)
Format	Purified, Liquid
Product Type	Rabbit Polyclonal Antibody
Isotype	Polyclonal IgG
Quantity	100 µl

**Product Details**

Applications	This product has been reported to work in the following applications:	
	Western Blot	Dilution 1:1000
	<p>This information is derived from testing within our laboratories and peer-reviewed publications. Please refer to references indicated for further information. For general protocol recommendations, please visit <a href="https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/">https://7tmantibodies.com/7tm-antibodies-support/7tm-protocols/</a></p> <p>Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.</p>	
Target Species	Human	
Product Form	Purified IgG, liquid	
Antiserum Preparation	Antiserum to Sphingosine 1-Phosphate Receptor 5 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.	
Immunogen	A synthetic phosphopeptide derived from human S1P5 around the phosphorylation site of Ser359/Ser361/Ser363.	
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide	
Specificity	Serine359/Serine361/Serine363 (S359/S361/S363) is major phosphorylation site of the Sphingosine 1-Phosphate Receptor 5 (S1P5). The pS359/pS361/pS363-S1P5 antibody detects phosphorylation in response to agonists. S359/S361/S363 phosphorylation is likely to be involved in efficient ligand sequestration by S1P5.	
Guarantee	12 months from date of dispatch	
Storage	<p>Store at -20°C.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.</p>	
Regulatory	For research purposes only	

Health and Safety Information	Material Safety Data Sheet documentation is available at <a href="https://7tmantibodies.com/phosphosite-7tm-antibodies/sphingosine-1-phosphate-receptors/s1p5/424/ps359/ps361/ps363-s1p5-phospho-sphingosine-1-phosphate-receptor-5-antibody">https://7tmantibodies.com/phosphosite-7tm-antibodies/sphingosine-1-phosphate-receptors/s1p5/424/ps359/ps361/ps363-s1p5-phospho-sphingosine-1-phosphate-receptor-5-antibody</a> in the downloads section as: <a href="#">Safety Data Sheet EU</a> <a href="#">Safety Data Sheet US</a>
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### **Related Products**

[pS345-S1P5 \(phospho-Sphingosine 1-Phosphate Receptor 5 Antibody\)](#)

[pS366/pS367-S1P5 \(phospho-Sphingosine 1-Phosphate Receptor 5 Antibody\)](#)

### **Details of the Supplier of the Data Sheet**

#### **Supplier**

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