



**Data Sheet (DS) 7TM0276B**

**Issuing Date:** 2023-06-08

Description	pT342/pS343/pT345-S1P2 (phospho-Sphingosine 1-Phosphate Receptor 2 Antibody)
Format	Purified, Liquid
Product Type	Rabbit Polyclonal Antibody
Isotype	Polyclonal IgG
Quantity	100 µl

**Product Details**

Applications	<p>This product has been reported to work in the following applications:</p> <table border="1"> <thead> <tr> <th></th> <th>Dilution</th> </tr> </thead> <tbody> <tr> <td>Western Blot</td> <td>1:1000</td> </tr> </tbody> </table> <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>. 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>		Dilution	Western Blot	1:1000
	Dilution				
Western Blot	1:1000				
Target Species	Human, Mouse				
Product Form	Purified IgG, liquid				
Antiserum Preparation	Antiserum to Sphingosine 1-Phosphate Receptor 2 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 S1P2 around the phosphorylation site of Thr342/Ser343/Thr345.				
Storage Buffer	Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide				
Specificity	Threonine342Serine343/Threonine345 (T342/S343/T345) is major phosphorylation site of the Sphingosine 1-Phosphate Receptor 2 (S1P2). The pT342/pS343/pT345-S1P2 antibody detects phosphorylation in response to agonists. T342/S343/T345 phosphorylation is likely to be involved in efficient ligand sequestration by S1P2.				
Guarantee	12 months from date of dispatch				
Storage	Store at -20°C. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.				
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/s1p2/410/pt342ps343-s1p2-phospho-sphingosine-1-phosphate-receptor-2-antibody">https://7tmantibodies.com/phosphosite-7tm-antibodies/sphingosine-1-phosphate-receptors/s1p2/410/pt342ps343-s1p2-phospho-sphingosine-1-phosphate-receptor-2-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**

[pS330/pS331-S1P2 \(phospho-Sphingosine 1-Phosphate Receptor 2 Antibody\)](#)

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

#### **Supplier**

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