



**Data Sheet (DS) 7TM0279A**

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

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|--------------|--|
| Description  | pS345-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<br>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://7mantibodies.com/7tm-antibodies-support/7tm-protocols/">https://7mantibodies.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 Ser345.   |                    |
| Storage Buffer        | Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide  |                    |
| Specificity           | Serine345 (S345) is major phosphorylation site of the Sphingosine 1-Phosphate Receptor 5 (S1P5). The pS345-S1P5 antibody detects phosphorylation in response to agonists. S345 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/s1p5/423/ps345-s1p5-phospho-sphingosine-1-phosphate-receptor-5-antibody?c=846">https://7tmantibodies.com/phosphosite-7tm-antibodies/sphingosine-1-phosphate-receptors/s1p5/423/ps345-s1p5-phospho-sphingosine-1-phosphate-receptor-5-antibody?c=846</a> in the downloads section as:<br><a href="#">Safety Data Sheet EU</a><br><a href="#">Safety Data Sheet US</a> |
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### **Related Products**

[pS359/pS361/pS363-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**

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