



**Data Sheet (DS) 7TM0275N-IC**

**Issuing Date:** 2024-08-19

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|--------------|--|
| Description  | S1P1 (IHC-grade) Sphingosine 1-Phosphate Receptor 1 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:   |          |
|                       |   | Dilution |
|                       | Western Blot  | 1:1000   |
|                       | Immunohistochemistry  | 1:100    |
|                       | <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> |          |
| Target Species        | Human, Mouse  |          |
| Product Form          | Purified IgG, liquid  |          |
| Antiserum Preparation | Antiserum to Sphingosine 1-Phosphate Receptor 1 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.   |          |
| Immunogen             | A synthetic peptide corresponding to c-terminal end of human S1P1.  |          |
| Storage Buffer        | Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide  |          |
| Specificity           | The non-phospho-S1P1 receptor antibody is directed against the distal end of the carboxyl-terminal tail of human S1P1. It also detects S1P1 in cultured cells and tissue sections by immunohistochemistry. It can be used to detect total S1P1 receptors in Western blots independent of phosphorylation. The S1P1 antibody can also be used to isolate and enrich S1P1 receptors from tissue lysates.  |          |
| 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/ihc-grade-7tm-antibodies/human-7tm-receptors/s1p1/502/s1p1-ihc-grade-sphingosine-1-phosphate-receptor-1-antibody?c=909">https://7tmantibodies.com/ihc-grade-7tm-antibodies/human-7tm-receptors/s1p1/502/s1p1-ihc-grade-sphingosine-1-phosphate-receptor-1-antibody?c=909</a> in the downloads section as:<br><a href="#">Safety Data Sheet EU</a><br><a href="#">Safety Data Sheet US</a> |

### **Related Products**

[pS351/pS353-S1P1 \(phospho-Sphingosine 1-Phosphate Receptor 1 Antibody\)](#)

[pS358/pS359-S1P1 \(phospho-Sphingosine 1-Phosphate Receptor 1 Antibody\)](#)

[pS353/pS355-S1P1 \(phospho-Sphingosine 1-Phosphate Receptor 1 Antibody\)](#)

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

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