



**Data Sheet (DS) 7TM0032N-ICGP**

**Issuing Date:** 2025-06-12

|              |   |
|--------------|---|
| Description  | C5a1 (GP-IHC-grade), Complement C5a Receptor 1 Antibody, Guinea Pig |
| Format       | Purified, Liquid  |
| Product Type | Guinea Pig 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    |
|                       | 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> 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. |          |
| Target Species        | Human   |          |
| Product Form          | Purified IgG, liquid  |          |
| Antiserum Preparation | Antiserum to C5a1 was raised by repeated immunization of guinea pigs with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.   |          |
| Immunogen             | A synthetic peptide presents distal end of carboxyl-terminal tail of human C5a1.  |          |
| Storage Buffer        | Dulbecco's PBS, pH 7.4, with 150 mM NaCl, 0.02% sodium azide  |          |
| Specificity           | The C5a1 receptor antibody is directed against the distal end of the carboxyl-terminal tail of human Complement 5a Receptor 1. It can be used to detect total C5a1 receptors in Western blots independent of phosphorylation. The C5a1 antibody can also be used to isolate and enrich C5a1 receptors from cell and tissue lysates. It also detects C5a1 in cultured cells and tissue sections by immunohistochemistry.   |          |
| Guarantee             | 12 months from date of dispatch   |          |
| Storage               | Store at -20°C.<br>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/detail/index/sArticle/593/sCategory/472">https://7tmantibodies.com/detail/index/sArticle/593/sCategory/472</a> in the downloads section as:<br><a href="#">Safety Data Sheet EU</a><br><a href="#">Safety Data Sheet US</a> |

### **Related Products**

[C5a2 \(non-phospho\), Complement C5a Receptor 2 Antibody](#)

[mC5a1 \(IHC-grade\), Complement C5a Receptor 1 Antibody \(Mouse\)](#)

[pS332/pS334-C5a1 \(phospho-Complement C5a Receptor 1 Antibody\)](#)

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

#### **Supplier**

7TM Antibodies GmbH

Hans-Knöll-Str. 6

07745 Jena – Germany

TEL: ++49 151 20130575

FAX: ++49 3641 241 49 58

Email: [info@7tmantibodies.com](mailto:info@7tmantibodies.com)

Website: [7tmantibodies.com](http://7tmantibodies.com)