

Product datasheet for **SM1168P**

C5R1 (C5AR1) Mouse Monoclonal Antibody [Clone ID: W17/1]

Product data:

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|------------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | W17/1 |
| Applications: | FC, IHC |
| Recommended Dilution: | Immunohistochemistry on frozen sections. Immunohistochemistry on paraffin sections. Flow cytometry. The typical starting working dilution for these applications is 1:10. Not useful for Immunoprecipitation. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Specificity: | This antibody detects C5aR. |
| Formulation: | PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% bovine serum albumin Preservative: 0.02 % sodium azide |
| Concentration: | lot specific |
| Purification: | Protein G |
| Conjugation: | Unconjugated |
| Storage: | Store at 2 - 8 °C. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | complement component 5a receptor 1 |
| Database Link: | Entrez Gene 728 Human P21730 |



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Background:

The human anaphylatoxin C5a is a 74-residue glycopolypeptide which is generated by proteolytic cleavage of the complement factor C5 in the course of complement activation. A variety of biological effects evoked by C5a could be demonstrated, rendering this molecule an important mediator of inflammation, with granulocytes and macrophages as the main target cells. All cellular responses to C5a are specifically mediated by interactions with the membrane bound C5a receptor, a seven transmembrane GTP-binding-protein-coupled receptor that belongs to the rhodopsin supergene family. The C5a receptor is approximately 45 kDa.

Synonyms:

C5a-R, C5aR, C5AR1, Complement Component 5a Receptor 1