

For Research Use Only

# FcZero-rAb™ PE Anti-Human C5AR1/CD88 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98226



## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>PE-FcA98226        | <b>GenBank Accession Number:</b><br>NM_001736.4         | <b>Purification Method:</b><br>Protein A purification                     |
| <b>Concentration:</b><br>100tests, 5 ul/test | <b>GeneID (NCBI):</b><br>728                            | <b>CloneNo.:</b><br>241712D4  |
| <b>Source:</b><br>Rabbit                     | <b>Full Name:</b><br>complement component 5a receptor 1 | <b>Excitation/Emission maxima wavelengths:</b><br>496 nm, 565 nm / 578 nm |
| <b>Isotype:</b><br>IgG                       | <b>Calculated MW:</b><br>39kDa                          |   |

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
human

## Background Information

C5aR, also named CD88, is a G protein-coupled receptor for the anaphylatoxin C5a, a cleavage product of the complement cascade. The C5a ligand is a proinflammatory component of host defense. C5aR is activated upon binding of the C5a molecule. Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release, and superoxide anion production.

## Storage

**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide and 0.5% BSA

For technical support and original validation data for this product please contact:

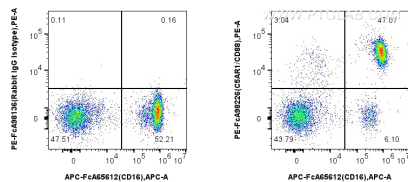
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with FcZero-rAb™ APC Anti-Human CD16, and 5 ul PE Anti-Human C5AR1/CD88 Rabbit RecAb (PE-FcA98226, Clone: 241712D4) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.