

For Research Use Only

FcZero-rAb® CoraLite® Plus 647 Anti-Human C5AR1/CD88 Rabbit Recombinant Antibody

Catalog Number: CL647-FcA98226



Basic Information

Catalog Number:

CL647-FcA98226

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2185

GenBank Accession Number:

NM_001736.4

GeneID (NCBI):

728

UNIPROT ID:

P21730

Full Name:

complement component 5a receptor 1

Calculated MW:

39kDa

Purification Method:

Protein A purification

CloneNo.:

241712D4

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human peripheral blood leukocytes,

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, pH7.3

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

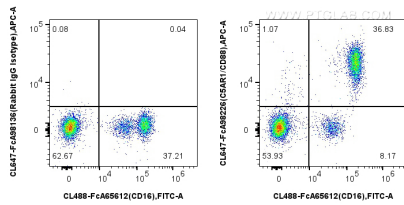
T: 4006900926

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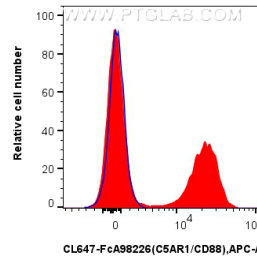
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Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with FcZero-rAb® CoraLite® Plus 488 Anti-Human CD16, and 5 ul CoraLite® Plus 647 Anti-Human C5AR1/CD88 Rabbit RecAb (CL647-FcA98226, Clone: 241712D4) or FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 647 Anti-Human C5AR1/CD88 Rabbit RecAb (CL647-FcA98226, Clone: 241712D4) (red) or FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.