

For Research Use Only



FcZero-rAb® Biotin Anti-Human C5AR1/CD88 Rabbit Recombinant Antibody

Catalog Number: **Biotin-FcA98226**

Basic Information

Catalog Number: Biotin-FcA98226	GenBank Accession Number: NM_001736.4	Purification Method: Protein A purification
Size: 100ug , 500 ug/ml	GeneID (NCBI): 728	CloneNo.: 241712D4
Source: Rabbit	UNIPROT ID: P21730	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: complement component 5a receptor 1	Excitation/Emission maxima wavelengths: -
Immunogen Catalog Number: EG2185	Calculated MW: 39kDa	

Applications

Tested Applications: FC	Positive Controls: FC : human peripheral blood leukocytes,
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.

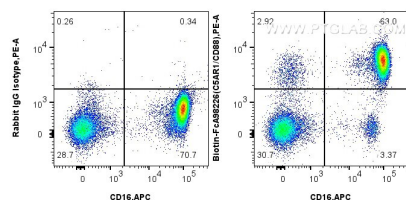
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Biotin Anti-Human C5AR1/CD88 Rabbit RecAb (Biotin-FcA98226, Clone: 241712D4) 0.25 ug FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with 0.25 ug FcZero-rAb® APC Anti-Human CD16 (3G8) Rabbit Recombinant Antibody (APC-FcA65612,

