

ABflo® 488 Rabbit anti-Human C5AR1/CD88 mAb

Catalog No.: A26403

Basic Information

Observed MW

Calculated MW

39kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC68667-ABflo488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Enables G protein-coupled receptor activity and complement component C5a receptor activity. Involved in several processes, including complement component C5a signaling pathway; mRNA transcription by RNA polymerase II; and positive regulation of ERK1 and ERK2 cascade. Located in apical part of cell and basolateral plasma membrane. Biomarker of Alzheimer's disease; asthma; chronic obstructive pulmonary disease; rhinitis; and severe acute respiratory syndrome.

Immunogen Information

Gene ID

728

Swiss Prot

P21730

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human C5AR1/CD88 (NP_001727.2).

Synonyms

C5A; C5AR; C5R1; CD88

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

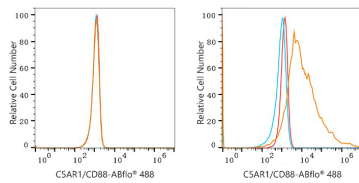
Affinity purification

Storage

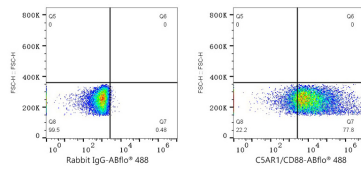
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

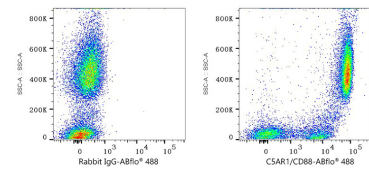
Validation Data



Flow cytometry: 1×10^6 293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with ABflo® 488 Rabbit anti-Human C5AR1/CD88 mAb (A26403,5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 293T (Transfection) cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human C5AR1/CD88 mAb (A26403,5 μ l/Test, right).



Flow cytometry: 1×10^6 Human peripheral blood cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human C5AR1/CD88 mAb (A26403,5 μ l/Test, right).