Leader in Biomolecular Solutions for Life Science

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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

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

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.

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
728

Swiss Prot
P21730

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
C5A; C5AR; C5R1; CD88

Contact

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Product Information

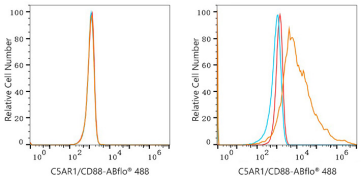
Source
Rabbit

Isotype
IgG

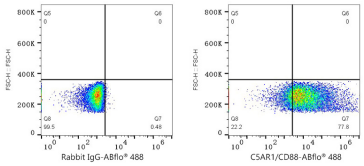
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

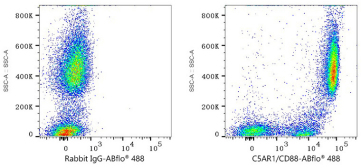
Validation Data



Flow cytometry: 1X10^6 293T cells (negative control,left) and 293T (Transfection,right) cells were surface-stained with ABflo® 488 Rabbit anti-Human C5AR1/CD88 mAb (A26403,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 293T (Transfection) cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human C5AR1/CD88 mAb (A26403,5 µl/Test,right).



Flow cytometry: 1X10^6 Human PBMC were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human C5AR1/CD88 mAb (A26403,5 µl/Test,right).