

ABflo® 488 Rabbit anti-Mouse CD88/C5aR mAb

Catalog No.: A26710

Basic Information

Observed MW

Calculated MW

39kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC69412-ABflo488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Enables complement component C5a receptor activity. Involved in several processes, including astrocyte activation; positive regulation of vascular endothelial growth factor production; and regulation of granulocyte chemotaxis. Acts upstream of or within defense response to Gram-positive bacterium; neutrophil chemotaxis; and response to peptidoglycan. Predicted to be located in several cellular components, including apical part of cell; basolateral plasma membrane; and cell surface. Predicted to be active in plasma membrane. Is expressed in several structures, including brain; liver; neural ectoderm; and sensory organ. Orthologous to several human genes including OPRPN (opiorphin prepropeptide).

Immunogen Information

Gene ID

12273

Swiss Prot

P30993

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-37 of mouse CD88/C5aR (NP_031603.2).

Synonyms

C5aR; C5r1; Cd88; D7Msu1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

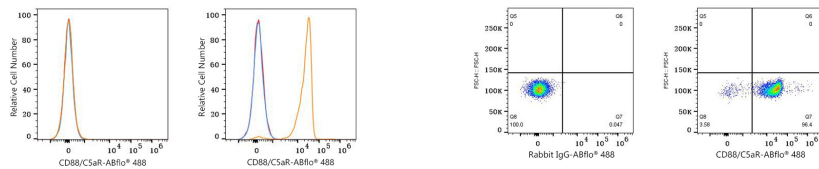
Affinity purification

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 C57BL/6 mouse splenocytes (negative control, left) and C57BL/6 mouse bone marrow cells (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD88/C5aR mAb (A26710, 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 C57BL/6 mouse bone marrow cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Mouse CD88/C5aR mAb (A26710, 5 μ l/Test, right).