

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

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 protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

C5aR; C5r1; Cd88; D7Msu1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

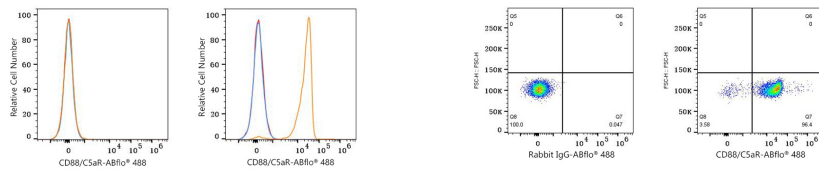
Affinity purification

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).