

ABflo® 488 Rabbit anti-Mouse FcγRI/CD64 mAb

Catalog No.: A23855

Basic Information

Observed MW

Refer to figures

Calculated MW

44kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC61141-ABflo488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 μl per 10⁶ cells in
100 μl volume

Background

Enables IgG binding activity and IgG receptor activity. Acts upstream of or within several processes, including antibody-dependent cellular cytotoxicity; endocytosis; and positive regulation of hypersensitivity. Located in external side of plasma membrane. Is expressed in liver. Orthologous to several human genes including FCGR1A (Fc gamma receptor 1a).

Immunogen Information

Gene ID

14129

Swiss Prot

P26151

Immunogen

Recombinant Protein corresponding to a sequence within amino acids 25-297 of mouse FcγRI/CD64 (NP_034316.1).

Synonyms

CD64; IGGHAFC; FcγRI

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

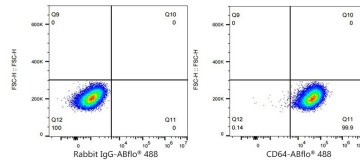
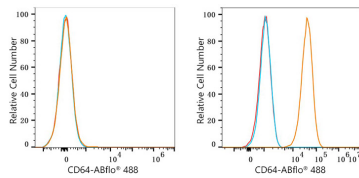
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 BALB/C mouse splenocyte (negative control, left) and RAW264.7 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse FcγRI/CD64 mAb (A23855, 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: 1×10^6 RAW264.7 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μl/Test, left) or ABflo® 488 Rabbit anti-Mouse FcγRI/CD64 mAb (A23855, 5 μl/Test, right).