

ABflo® 647 Rabbit anti-Mouse CD47 mAb

Catalog No.: A24378

Basic Information

Observed MW

Calculated MW

33KDa/35KDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC62629

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Background

Predicted to enable protein binding activity involved in heterotypic cell-cell adhesion and thrombospondin receptor activity. Involved in regulation of nitric oxide biosynthetic process. Acts upstream of or within several processes, including monocyte aggregation; opsonization; and positive regulation of phagocytosis. Located in extracellular exosome. Is integral component of plasma membrane. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; hemolymphoid system gland; and liver and biliary system. Orthologous to human CD47 (CD47 molecule).

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

16423

Swiss Prot

Q61735

Immunogen

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

Synonyms

IAP; Itgp; 9130415E20Rik; B430305P08Rik

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

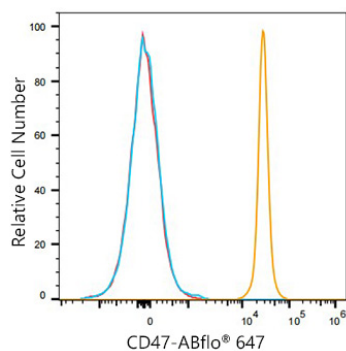
Affinity purification

Storage

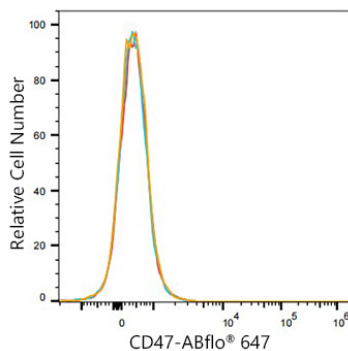
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

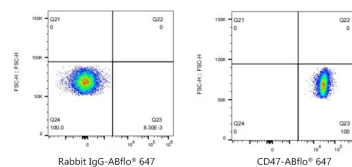
Validation Data



Flow cytometry: 1×10^6 C57 BL/6 mouse Splenocytes were surface-stained with ABflo® 647 Rabbit anti-Mouse CD47 mAb (A24378, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained C57 BL/6 mouse Splenocytes were used as blank control (red line).



Flow cytometry: 1×10^6 Hep G2 cells (negative control) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD47 mAb (A24378, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained Hep G2 cells were used as blank control (red line).



Flow cytometry: 1×10^6 C57 BL/6 mouse Splenocytes were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Mouse CD47 mAb (A24378, 5 μ l/Test, right).