

ABflo® 488 Rabbit anti-Mouse CD47 mAb

Catalog No.: A24377

Basic Information

Observed MW

Calculated MW
33KDa/35KDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC62629-ABflo488

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

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

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).

Immunogen Information

Gene ID	Swiss Prot
16423	Q61735

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 19-135 of mouse CD47 (NP_034711.1).

Synonyms

IAP; Itgp; 9130415E20Rik; B430305P08Rik

Contact

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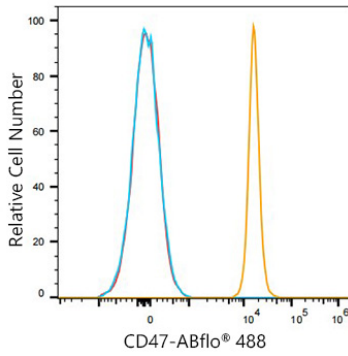
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

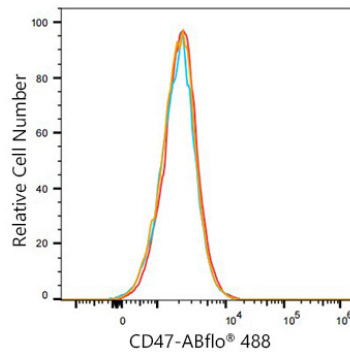
Storage

Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

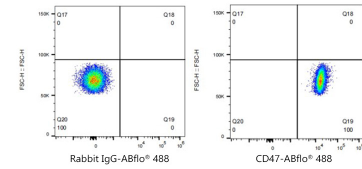
Validation Data



Flow cytometry: 1×10^6 C57 BL/6 mouse Splenocytes were surface-stained with ABflo® 488 Rabbit anti-Mouse CD47 mAb (A24377,5 μ l/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 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® 488 Rabbit anti-Mouse CD47 mAb (A24377,5 μ l/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 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® 488 Rabbit IgG isotype control (A22069,5 μ l/Test,left) or ABflo® 488 Rabbit anti-Mouse CD47 mAb (A24377,5 μ l/Test,right).