

PE Rabbit anti-Mouse CD47 mAb

Catalog No.: A26818

Basic Information

Observed MW

Calculated MW

35kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC62629-PE

Conjugate

PE. Ex:565nm. Em:574nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l 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

16423

Swiss Prot

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

Rabbit

Isotype

IgG

Purification

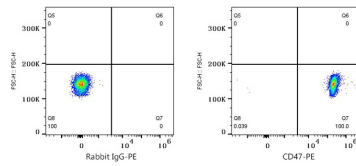
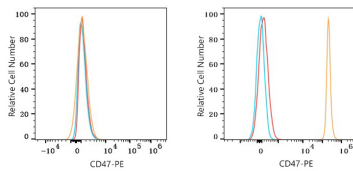
Affinity purification

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 Hep G2 cells (negative control, left) and C57 BL/6 mouse splenocytes (right) were surface-stained with PE Rabbit anti-Mouse CD47 mAb (A26818, 5 μ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 C57 BL/6 mouse splenocytes were surface-stained with PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Mouse CD47 mAb (A26818, 5 μ l/Test, right).