APC Rabbit anti-Mouse CD47 mAb

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Catalog No.: A26819

Basic Information

Observed MW

Calculated MW

33kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC62629

Conjugate

APC. Ex:650nm. Em:660nm.

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 μ l per 10^6 cells in 100 μ l 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

SourceIsotypePurificationRabbitIgGAffinity 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: 1X10^6 Hep G2 cells (negative control,left) and C57 BL/6 mouse splenocytes (right) cells were surface-stained with APC Rabbit anti-Mouse CD47 mAb (A26819,5 µl/Test,orange line) or APC Rabbit IgG isotype control (A24173,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10^6 C57 BL/6 mouse splenocytes were surface-stained with APC Rabbit IgG isotype control (A24173,5 μ I/Test,Ieft) or APC Rabbit anti-Mouse CD47 mAb (A26819,5 μ I/Test,right).