

PE Rabbit anti-Mouse CD32 mAb

Catalog No.: A26142

Basic Information

Observed MW

Refer to figures

Calculated MW

31kDa/33kDa/36kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC68229-PE

Conjugate

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

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

CD32 (Fc γ r2) is a 40 kD transmembrane glycoprotein, member of the immunoglobulin superfamily. The extracellular region of CD32 consists of two Ig C-type domains that binds the Fc region from monomeric IgG with low affinity, but binds immune complexes efficiently. CD32 can mediate phagocytosis of immune complexes and modulate cell activation. CD32 is expressed by Macrophages, neutrophils, mast cells and B cells.

Immunogen Information

Gene ID

14130

Swiss Prot

P08101

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-207 of mouse CD32 (NP_034317.1).

Synonyms

CD32; Fc γ r2; Fcr-2; Fcr-3; Ly-17; LyM-1; Lym-1; fcRII; Fc γ RII; Fc γ r2a; Ly-m20; Fc[g]RII; F630109E10Rik

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

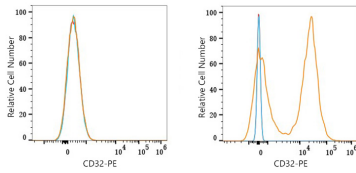
Affinity purification

Storage

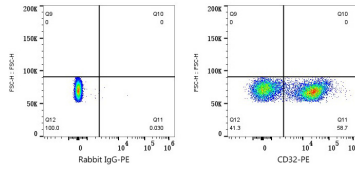
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

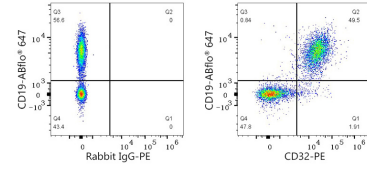
Validation Data



Flow cytometry: 1×10^6 bEnd.3 cells (negative control, left) and C57BL/6 mouse splenocytes (right) were surface-stained with PE Rabbit anti-Mouse CD32 mAb (A26142, 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 C57BL/6 mouse splenocytes were surface-stained with PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Mouse CD32 mAb (A26142, 5 μ l/Test, right).



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 647 Rabbit anti-Mouse CD19 mAb (A24101, 5 μ l/Test) and PE Rabbit anti-Mouse CD32 mAb (A26142, 5 μ l/Test, right) or PE Rabbit IgG isotype control (A27142, 5 μ l/Test, left).