

PE Rabbit anti-Mouse CD35 mAb

Catalog No.: A28398

Basic Information

Observed MW

Refer to figures

Calculated MW

113 kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC77946

Conjugate

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

Recommended Dilutions

FC $\leq 0.25 \mu\text{g}$ per million cells in
100 μl volume

Background

Murine Complement Receptor Types 2 and 1 (CR2/CR1, CD21/CD35) are products of alternative splicing from a single gene. Mouse CR2 (CD21) is composed of 15 short consensus repeats (SCRs), whereas mouse CR1 (CD35) is identical to CR2 but contains an additional 6 N-terminal SCRs. CD35, also known as CR1, binds the complement fragments C3b, iC3b, C4b, and iC4b. CD21/CD35 are primarily expressed on B lymphocytes, mast cells, follicular dendritic cells, macrophages, and activated granulocytes.

Immunogen Information

Gene ID

12902

Swiss Prot

Immunogen

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

Synonyms

Cr1; C3DR; CD21; CD35; Cr-1; Cr-2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

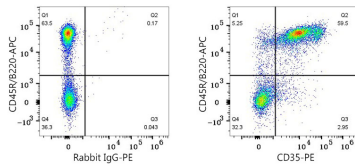
Affinity purification

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 C57BL/6 mouse splenocytes were surface-stained with APC Rat anti-Mouse CD45R/B220 mAb (A27570, 5 μ l/Test) and PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Mouse CD35 mAb (A28398, 0.25 μ g, right).