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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.

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.

Recommended Dilutions

FC	≤0.25 μg per million cells in 100 μl volume

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

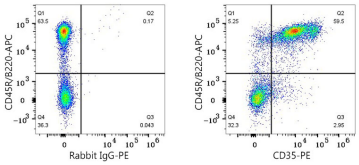
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry:1X10^6 C57BL/6 mouse splenocytes were surface-stained with APC Rat anti-Mouse CD45R/B220 mAb (A27570,5 µl/Test) and PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse CD35 mAb (A28398,0.25 µg,right).

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