

# 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**                      ≤0.25 µg 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

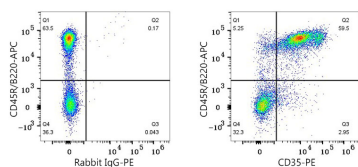
### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse splenocytes were surface-stained with APC Rat anti-Mouse CD45R/B220 mAb (A27570, 5  $\mu$ l/Test) and PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Mouse CD35 mAb (A28398, 0.25  $\mu$ g, right).