

A29420

Leader in Biomolecular Solutions for Life Science



## PE Rabbit anti-Mouse CD21/CD35 mAb

Catalog No.: A29420

### Basic Information

#### Observed MW

#### Calculated MW

#### Category

Monoclonal Antibody

#### Applications

FC

#### Cross-Reactivity

Mouse

#### Conjugate

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

### Background

Enables complement receptor activity. Acts upstream of or within with a negative effect on complement activation, alternative pathway. Acts upstream of or within several processes, including cellular response to lipopolysaccharide; immunoglobulin mediated immune response; and skeletal system development. Located in external side of plasma membrane. Is expressed in several structures, including brain; hemolymphoid system; liver; placenta; and yolk sac. Human ortholog(s) of this gene implicated in common variable immunodeficiency 7; nasopharynx carcinoma; and systemic lupus erythematosus. Orthologous to human CR2 (complement C3d receptor 2).

### Recommended Dilutions

FC  $\leq 0.25$   $\mu$ g per million cells  
in 100  $\mu$ l volume

### Immunogen Information

**Gene ID**  
12902

**Swiss Prot**  
P19070

#### Immunogen

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

#### Synonyms

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

### Contact

 [www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**  
Rabbit

**Isotype**  
IgG

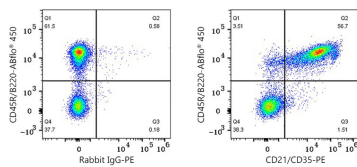
**Purification**  
Affinity purification

#### Storage

Store at  $-20^{\circ}\text{C}$

## Validation Data

---



Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse splenocytes were surface-stained with ABflo® 450 Rat anti-Mouse CD45R/B220 mAb (A27783, 0.5  $\mu$ g) and PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Mouse CD21/CD35 mAb (A29420, 0.25  $\mu$ g, right).