Leader in Biomolecular Solutions for Life Science

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PE Rabbit anti-Mouse CD21/CD35 mAb

Catalog No.: A29420

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC75079

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	≤0.25 μg per million cells in 100 μl 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

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Product Information

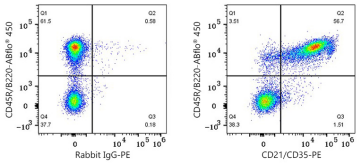
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 450 Rat anti-Mouse CD45R/B220 mAb (A27783,0.5 µg) and PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse CD21/CD35 mAb (A29420,0.25 µg,right).