

# PE Rabbit anti-Human CD21/CR2 mAb

Catalog No.: A25702

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

110kDa/113kDa/118kDa/119kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Cynomolgus

### CloneNo number

ARC56643

### Conjugate

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

## Recommended Dilutions

**FC** 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## Background

This gene encodes a membrane protein, which functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes. Genetic variations in this gene are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Immunogen Information

### Gene ID

1380

### Swiss Prot

P20023

### Immunogen

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

### Synonyms

CR; C3DR; CD21; CVID7; SLEB9

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

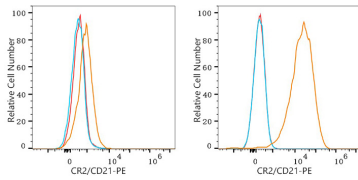
Affinity purification

### Storage

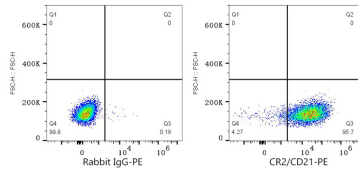
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

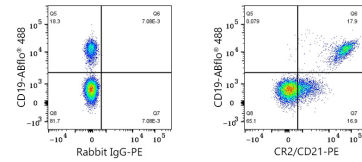
## Validation Data



Flow cytometry:  $1 \times 10^6$  HAP1 cells (negative control, left) and Daudi cells (right) were surface-stained with PE Rabbit anti-Human CR2/CD21 mAb (A25702, 5  $\mu$ l/Test, orange line) or PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Daudi cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Human CR2/CD21 mAb (A25702, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD19 mAb (A23008, 5  $\mu$ l/Test) and PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE Rabbit anti-Human CR2/CD21 mAb (A25702, 5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.