

# PE/Cyanine7 Rabbit anti-Human CR2/CD21 mAb

Catalog No.: A26631

## Basic Information

### Observed MW

### Calculated MW

110kDa/113kDa/118kDa/119kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC56643-PE-Cy7

### Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

## 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.

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

1380

### Swiss Prot

P20023

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-971 of human CR2/CD21 (NP\_001868.2).

### Synonyms

CR; C3DR; CD21; CVID7; SLEB9

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

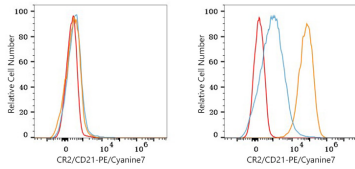
Affinity purification

### Storage

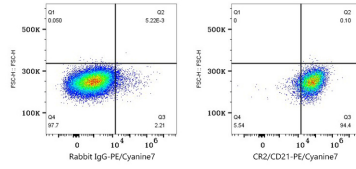
Store at 2-8°C. Avoid freeze.

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

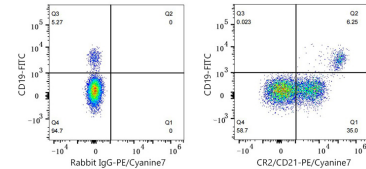
## Validation Data



Flow cytometry:  $1 \times 10^6$  HAP1 cells (negative control, left) and Daudi cells (right) were surface-stained with PE/Cyanine7 Rabbit anti-Human CR2/CD21 mAb (A26631, 5  $\mu$ l/Test, orange line) or PE/Cyanine7 Rabbit IgG isotype control (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/Cyanine7 Rabbit IgG isotype control (5  $\mu$ l/Test, left) or PE/Cyanine7 Rabbit anti-Human CR2/CD21 mAb (A26631, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with FITC Mouse anti-Human CD19 mAb (A22815, 5  $\mu$ l/Test) and PE Rabbit IgG isotype control (A24172, 5  $\mu$ l/Test, left) or PE/Cyanine7 Rabbit anti-Human CR2/CD21 mAb (A26631, 5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.