

PE Rabbit anti-Human/Monkey CD21/CR2 mAb

Catalog NO.: A25702

Basic Information

Observed MW

Refer to figures

Calculated MW

110kDa/113kDa/118kDa/119kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human, Cynomolgus

Conjugation

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

Clone number

ARC56643

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 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

Hu 1380 /Cyno 102145559

Swiss Prot

P20023

Immunogen

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

Synonyms

CR; C3DR; CD21; CVID7; SLEB9

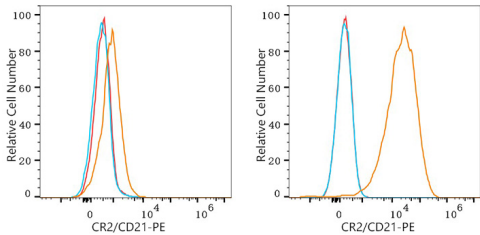
Contact

Product Information

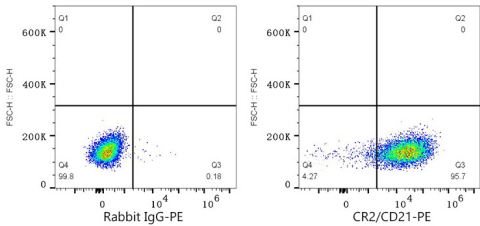
☒		order@abclonal.com
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

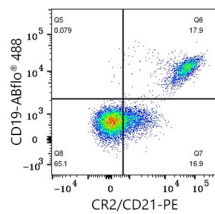
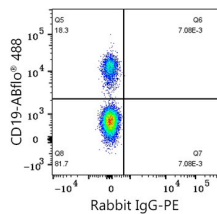
Validation Data



Flow cytometry: 1X10⁶ HAP1 cells (negative control,left) and Daudi cells (right) were surface-stained with PE Rabbit anti-Human CR2/CD21 mAb (A25702,5 µl/Test,orange line) or PE Rabbit IgG isotype control (A24172,5 µl/Test,blue line).Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10⁶ Daudi cells were surface-stained with PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Human CR2/CD21 mAb (A25702,5 µl/Test,right).



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