

# APC Rabbit anti-Human CD197/CCR7 mAb

**Catalog No.: A26832**

## Basic Information

### Observed MW

### Calculated MW

43kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC64945-APC

### Conjugate

APC. Ex:650nm. Em:660nm.

## Recommended Dilutions

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

## Background

The protein encoded by this gene is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes. It has been shown to control the migration of memory T cells to inflamed tissues, as well as stimulate dendritic cell maturation. The chemokine (C-C motif) ligand 19 (CCL19/ECL) has been reported to be a specific ligand of this receptor. Signals mediated by this receptor regulate T cell homeostasis in lymph nodes, and may also function in the activation and polarization of T cells, and in chronic inflammation pathogenesis. Alternative splicing of this gene results in multiple transcript variants.

## Immunogen Information

### Gene ID

1236

### Swiss Prot

P32248

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 25-59 of human CD197/CCR7 (NP\_001829.1).

### Synonyms

BLR2; EBI1; CCR-7; CD197; CDw197; CMKBR7; CC-CKR-7

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

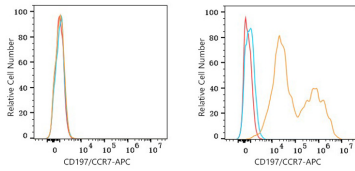
Affinity purification

### Storage

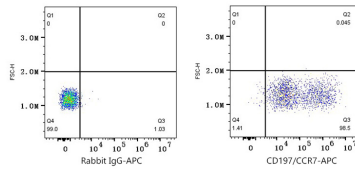
Store at 2-8°C. Avoid freeze.

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

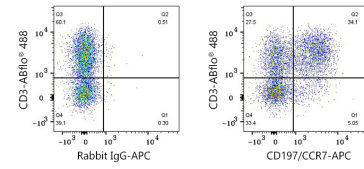
## Validation Data



Flow cytometry:  $1 \times 10^6$  293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with APC Rabbit anti-Human CD197/CCR7 mAb (A26832, 5  $\mu$ l/Test, orange line) or APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  293T (Transfection) cells were surface-stained with APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human CD197/CCR7 mAb (A26832, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo<sup>®</sup> 488 Mouse anti-Human CD3 (A25188, 5  $\mu$ l/Test) and APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human CD197/CCR7 mAb (A26832, 5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.