

FITC Rabbit anti-Human/Monkey CD197/CCR7 mAb

Catalog No.: A29515

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

CloneNo number

ARC64945

Conjugate

FITC. Ex:491nm. Em:516nm.

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.

Recommended Dilutions

FC 5 μ l per 10^6 cells in 100 μ l volume

Immunogen Information

Gene ID

Hu 1236/Cyno 102137559

Swiss Prot

P32248

Immunogen

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

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

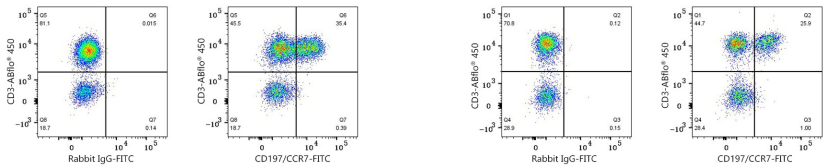
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177,5 µl/Test) and FITC Rabbit IgG isotype control (A25616,5 µl/Test,left) or FITC Rabbit anti-Human/Monkey CD197/CCR7 mAb (A29515,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.

Flow cytometry: 1X10⁶ Cynomolgus PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177,5 µl/Test) and FITC Rabbit IgG isotype control (A25616,5 µl/Test,left) or FITC Rabbit anti-Human/Monkey CD197/CCR7 mAb (A29515,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.