

A29515

Leader in Biomolecular Solutions for Life Science



FITC Rabbit anti-Human/Monkey CD197/CCR7 mAb

Catalog No.: A29515

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

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

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

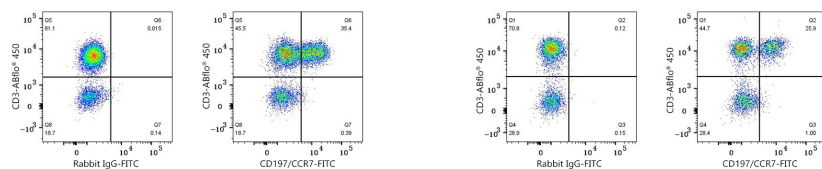
Purification

Affinity purification

Storage

Store at 20-8°C

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.