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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 µl per 10^6 cells in 100 µl 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

400-999-6126

cn.market@abclonal.com.cn

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Product Information

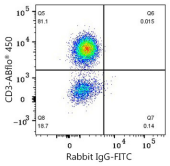
Source
Rabbit

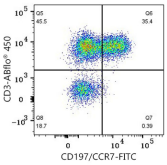
Isotype
IgG

Purification
Affinity purification

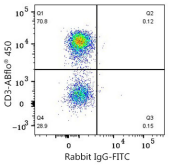
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Store at 20-8℃

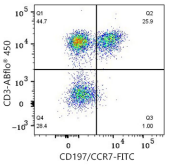
Validation Data





Flow cytometry: 1X10^6 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: 1X10^6 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.