

A29421

Leader in Biomolecular Solutions for Life Science



APC Rabbit anti-Mouse CXCR5/CD185 mAb

Catalog No.: A29421

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibody

Applications

FC

Cross-Reactivity

Mouse

Conjugate

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

Background

CXCR5 is a G protein-coupled receptor belonging to the chemokine receptor subfamily. Once it binds to its ligand (chemokine CXCL13), CXCR5 will activate multiple intracellular signal transduction pathways, thereby regulating cell proliferation, survival and migration. CXCR5 is expressed in mature B cells and follicular helper T cells, and it responds to the CXCL13 gradient, thereby regulating the migration of lymphocytes to secondary lymphoid tissues. CXCR5 is also highly expressed in primary breast cancer cells, which is related to their growth and metastasis tendencies.

Recommended Dilutions

FC ≤0.5 µg per million cells in
100 µl volume

Immunogen Information

Gene ID
12145

Swiss Prot
Q04683

Immunogen

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

Synonyms

Blr1;CXC-R5;CXCR-5;Gpcr6;MDR15

Contact

 www.abclonal.com

Product Information

Source
Rabbit

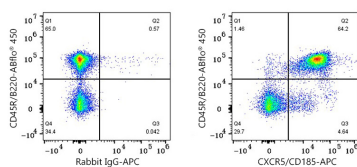
Isotype
IgG

Purification
Affinity purification

Storage

Store at -20°C

Validation Data



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes were surface-stained with ABflo® 450 Rat anti-Mouse CD45R/B220 mAb (A27783, 0.5 µg) and APC Rabbit IgG isotype control (A24173, 5 µl/Test, left) or APC Rabbit anti-Mouse CXCR5/CD185 mAb (A29421, 0.5 µg, right).