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PE Rabbit anti-Mouse CXCR5/CD185 mAb

Catalog No.: A29054

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC83459

Conjugate
PE. Ex:565nm. Em:574nm.

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	≤0.25 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

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Product Information

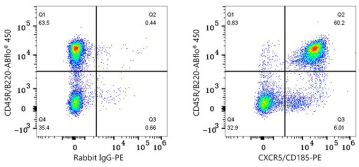
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 450 Rat anti-Mouse CD45R/B220 mAb (A27783,0.5 µg) and PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse CXCR5/CD185 mAb (A29054,0.25 µg,right).