

# CXCR5/CD185 Rabbit mAb

Catalog No.: A23989 **Recombinant**

## Basic Information

### Observed MW

42kDa

### Calculated MW

42kDa

### Category

Primary antibody

### Applications

WB,FC,ELISA

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC62169

## Background

This gene encodes a multi-pass membrane protein that belongs to the CXC chemokine receptor family. It is expressed in mature B-cells and Burkitt's lymphoma. This cytokine receptor binds to B-lymphocyte chemoattractant (BLC), and is involved in B-cell migration into B-cell follicles of spleen and Peyer patches. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

## Recommended Dilutions

**WB** 1:1000 - 1:6000

**FC** 1:500-1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

643

### Swiss Prot

P32302

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-47 of human CXCR5 (NP\_001707.1)

### Synonyms

BLR1; CD185; MDR15; CXCR5/CD185

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

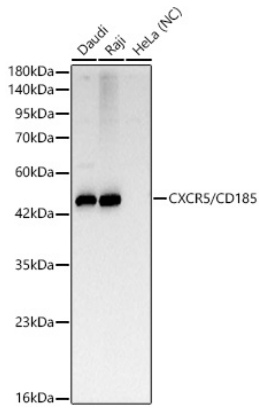
Affinity purification

### Storage

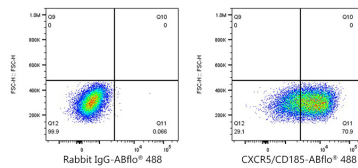
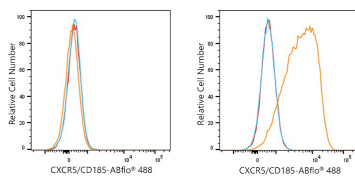
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates, using CXCR5/CD185 Rabbit mAb (A23989) at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Negative control (NC): HeLa  
 Exposure time: 5s.



Flow cytometry:  $1 \times 10^6$  HeLa cells (negative control, left) and Daudi cells (right) were surface-stained with CXCR5/CD185 Rabbit mAb (A23989, 2 µg/mL, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, blue line), followed by FITC conjugated goat anti-Rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  Daudi cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, left) or CXCR5/CD185 Rabbit mAb (A23989, 2 µg/mL, right).