

CXCR5/CD185 Rabbit mAb

Catalog NO.: A23989 **Recombinant**

Basic Information

Observed MW

42kDa

Calculated MW

42kDa

Category

Monoclonal Antibodies

Applications

WB, FC, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone 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	Swiss Prot
643	P32302

Immunogen

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

Synonyms

BLR1; CD185; MDR15; CXCR5/CD185

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

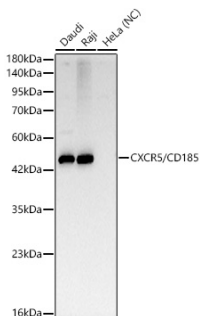
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

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.

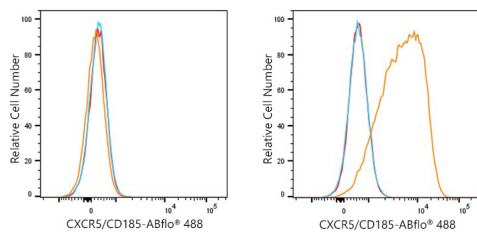
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

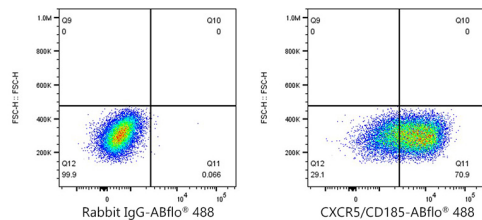
Detection: ECL Basic Kit (RM00020).

Negative control (NC): HeLa

Exposure time: 5s.



Flow cytometry: 1×10^6 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: 1X10⁶ 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).