

**CXCR5 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10305****Specification**

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**CXCR5 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P32302</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	41955

**CXCR5 Antibody - Additional Information****Gene ID** 643

Application & Usage	<b>Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. The antibody recognizes 36 kDa CXCR5 of human origin. Reactivity to other species has not been tested.</b>
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**Other Names**

CXCR5 , MDR15 , CD185 , C-X-C chemokine receptor type 5 , BLR1

**Target/Specificity**

CXCR5

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

CXCR5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## CXCR5 Antibody - Protein Information

**Name** CXCR5

**Synonyms** BLR1, MDR15

### Function

Cytokine receptor that binds to B-lymphocyte chemoattractant (BLC). Involved in B-cell migration into B-cell follicles of spleen and Peyer patches but not into those of mesenteric or peripheral lymph nodes. May have a regulatory function in Burkitt lymphoma (BL) lymphomagenesis and/or B-cell differentiation.

### Cellular Location

Cell membrane; Multi-pass membrane protein.

### Tissue Location

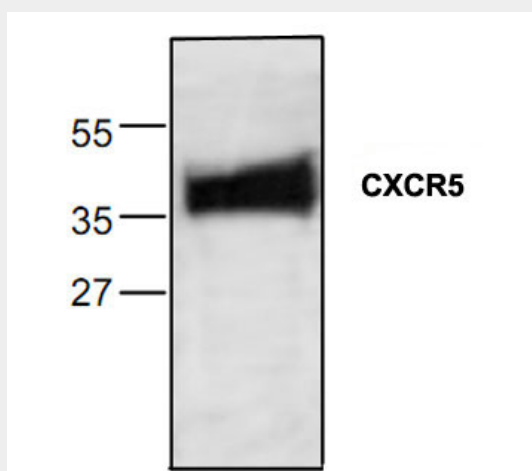
Expression in mature B-cells and Burkitt lymphoma cells

## CXCR5 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## CXCR5 Antibody - Images



Western blot analysis of CXCR5 expression with Jurkat cell lysate.

## **CXCR5 Antibody - Background**

Chemokines play an important role in inflammation and critical for the recruitment of effector immune cells to sites of infection. Chemokines activate leukocytes by binding to G protein coupled receptors. The ever-growing chemokine receptor subtypes can be divided into 2 major groups, CXCR and CCR, based on the 2 major classes of chemokines. CXCR5 is one of the CXCR receptors, which is expressed in a variety of cells.