10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

CXCR5 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10305

Specification

CXCR5 Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P32302
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**41955**

CXCR5 Antibody - Additional Information

Gene ID 643

Application & Usage	**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.**

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

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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.

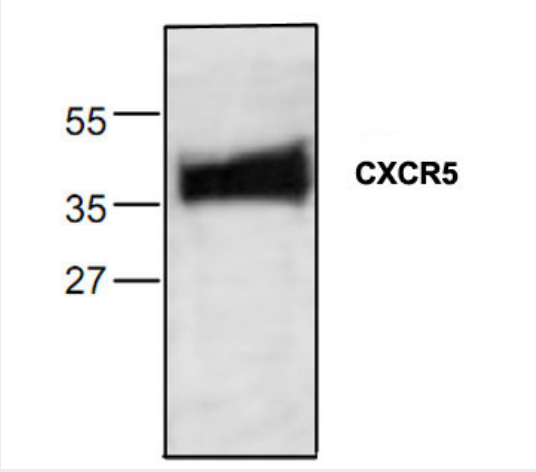
Tissue Location
Expression in mature B-cells and Burkitt lymphoma cells

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 Cytomety
- Cell Culture

CXCR5 Antibody - Images



Western blot analysis of CXCR5 expression with Jurkat cell lysate.

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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.