

### **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** 



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**

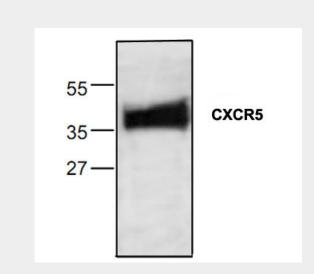
Expression in mature B-cells and Burkitt lymphoma cells

# **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.





# **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.