

**BLC Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10994****Specification**

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**BLC Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O55038</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	11927

**BLC Antibody - Additional Information****Gene ID** 55985**Application & Usage****Western blot (at 0.5-4 µg/ml). However, the optimal conditions should be determined individually.****Other Names**

B-lymphocyte chemoattractant

**Target/Specificity**

BLC

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) Protein A purified rabbit anti-BLC polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

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

## **BLC Antibody - Protein Information**

**Name** Cxcl13

**Synonyms** Blc, Scyb13

### **Function**

Strongly chemotactic for B-lymphocytes, weakly for spleen monocytes and macrophages but no chemotactic activity for granulocytes. Binds to BLR1/CXCR5. May play a role in directing the migration of B- lymphocytes to follicles in secondary lymphoid organs.

### **Cellular Location**

Secreted.

### **Tissue Location**

Found in spleen (B-cell-rich zone or follicles), Peyer patches (strongest within germinal centers and extending to the mantle zone) and lymph nodes (in reticular pattern in follicles)

## **BLC 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](#)

## **BLC Antibody - Images**

## **BLC Antibody - Background**

BLC (B-lymphocyte chemoattractant) is a 12 kDa ELR-CXC chemokine. BLC showed high levels of expression in spleen, Peyer's patches, and mesenteric lymph nodes. BLC is reported as the ligand of CXCR5. It attracts primarily B cells in vitro. Cell lines transfected with CXCR5 demonstrate both chemotaxis and calcium flux in response to BLC.