

**Anti-CXCL13/BLC Antibody**  
**Catalog # ABO12383****Specification**

---

**Anti-CXCL13/BLC Antibody - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">O43927</a>
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for C-X-C motif chemokine 13(CXCL13) detection. Tested with WB, IHC-P, ELISA in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-CXCL13/BLC Antibody - Additional Information**

**Gene ID** 10563

**Other Names**

C-X-C motif chemokine 13, Angie, B cell-attracting chemokine 1, BCA-1, B lymphocyte chemoattractant, CXC chemokine BLC, Small-inducible cytokine B13, CXCL13, BCA1, BLC, SCYB13

**Calculated MW**

12664 MW KDa

**Application Details**

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat<br> <br>ELISA , 0.1-0.5 µg/ml, Human, <br>Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

Secreted.

**Tissue Specificity**

Highest levels in liver, followed by spleen, lymph node, appendix and stomach. Low levels in salivary gland, mammary gland and fetal spleen.

**Protein Name**

C-X-C motif chemokine 13

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

E. coli-derived human BCA1 recombinant protein (Position: V23-P109). Human BCA1 shares 45.3% amino acid (aa) sequence identity with mouse BCA1.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

**Storage**

**At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.**

**Anti-CXCL13/BLC Antibody - Protein Information**

**Name** CXCL13

**Synonyms** BCA1, BLC, SCYB13

**Function**

Chemotactic for B-lymphocytes but not for T-lymphocytes, monocytes and neutrophils. Does not induce calcium release in B- lymphocytes. Binds to BLR1/CXCR5.

**Cellular Location**

Secreted.

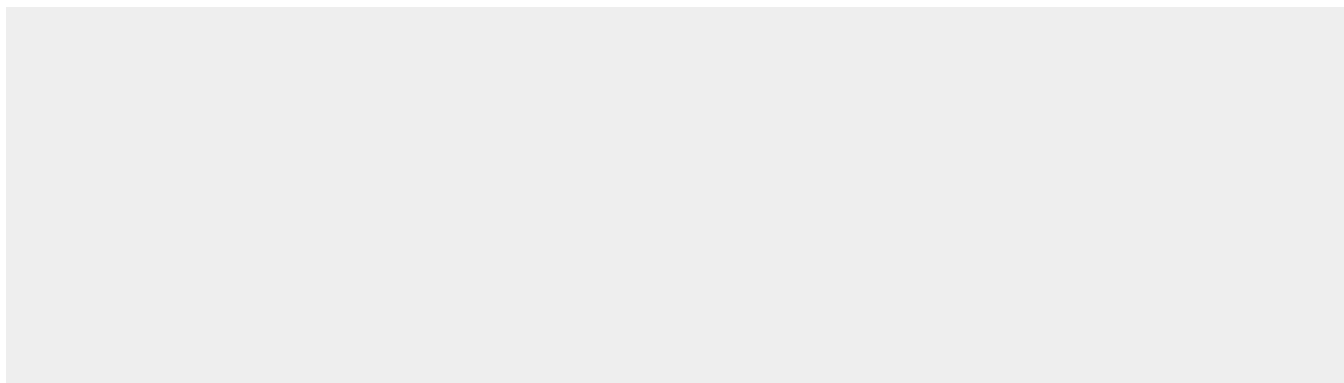
**Tissue Location**

Highest levels in liver, followed by spleen, lymph node, appendix and stomach. Low levels in salivary gland, mammary gland and fetal spleen

**Anti-CXCL13/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](#)

**Anti-CXCL13/BLC Antibody - Images**



Anti- BCA1 Picoband antibody, ABO12383, Western blottingAll lanes: Anti BCA1 (ABO12383) at 0.5ug/mlWB: HELA Whole Cell Lysate at 40ugPredicted bind size: 13KDObserved bind size: 13KD

#### Anti-CXCL13/BLC Antibody - Background

C-X-C motif chemokine 13 (CXCL13), also known as B lymphocyte chemoattractant (BLC), is a protein that in humans is encoded by the CXCL13 gene. CXCL13 is a small cytokine belonging to the CXC chemokine family. Its gene is mapped to human chromosome 4 in a cluster of other CXC chemokines. This protein has contained 109 amino acids. It is expressed highly in the liver, spleen, lymph nodes and gut of humans. The protein induces chemotaxis of BLR1-expressing B cells.