

Anti-CXCL13/BLC Antibody

Catalog # ABO12383

Product Information

Application	WB, IHC-P, E
Primary Accession	O43927
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.

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
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat ELISA , 0.1-0.5 µg/ml, Human, - Western blot, 0.1-0.5 µg/ml, Human
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.
Source	Eukaryota
Protein Name	C-X-C motif chemokine 13
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
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.

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

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.

Images



Anti- BCA1 Picoband antibody, ABO12383, Western blotting
 All lanes: Anti BCA1 (ABO12383) at 0.5ug/ml
 WB: HELA Whole Cell Lysate at 40ug
 Predicted bind size: 13KD
 Observed bind size: 13KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.