



BLC Polyclonal Antibody

Catalog No	YP-Ab-16007
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	CXCL13
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human CXCL13. AA range:41-90
Specificity	BLC Polyclonal Antibody detects endogenous levels of BLC protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ANGIE;ANGIE2;B cell attracting chemokine 1;B cell-attracting chemokine 1;B lymphocyte chemoattractant;B-cell chemoattractant;B-cell-attracting chemokine 1;B-cell-homing chemokine (ligand for Burkitt's lymphoma receptor-1);BCA-1; BLC;BLR1L;C-X-C motif chemokine 13;Chemokine (C-X-C motif) ligand 13; Chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant);Chemokine;CXC motif;ligand 13;CXC chemokine BLC;CXCL13;CXL13_HUMAN;SCYB13;Small inducible cytokine B subfamily (Cys-X-Cys motif);member 13 (B-cell chemoattractant);Small inducible cytokine B13;Small inducible cytokine subfamily B;member 13;Small-inducible cytokine B13;BCA1
Observed Band	15kD
Calculated Molecular Weight	15kD
Cell Pathway	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.
Function	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.,online information:CXCL13 entry,similarity:Belongs to the



intercrine alpha (chemokine CxC) family.,tissue specificity: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 ligand 13(CXCL13) Homo sapiens B lymphocyte chemoattractant, independently cloned and named Angie, is an antimicrobial peptide and CXC chemokine strongly expressed in the follicles of the spleen, lymph nodes, and Peyer's patches. It preferentially promotes the migration of B lymphocytes (compared to T cells and macrophages), apparently by stimulating calcium influx into, and chemotaxis of, cells expressing Burkitt's lymphoma receptor 1 (BLR-1). It may therefore function in the homing of B lymphocytes to follicles. [provided by RefSeq, Oct 2014],

matters needing attention

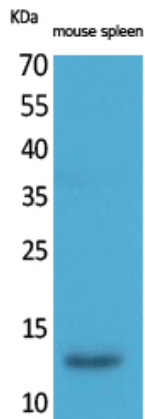
Avoid repeated freezing and thawing!

Usage suggestions

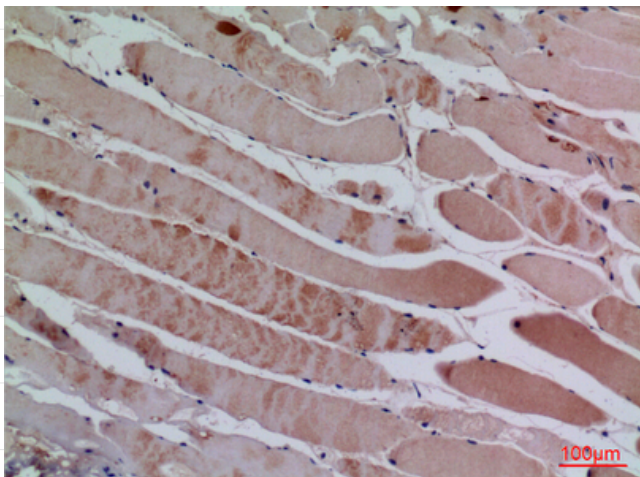
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



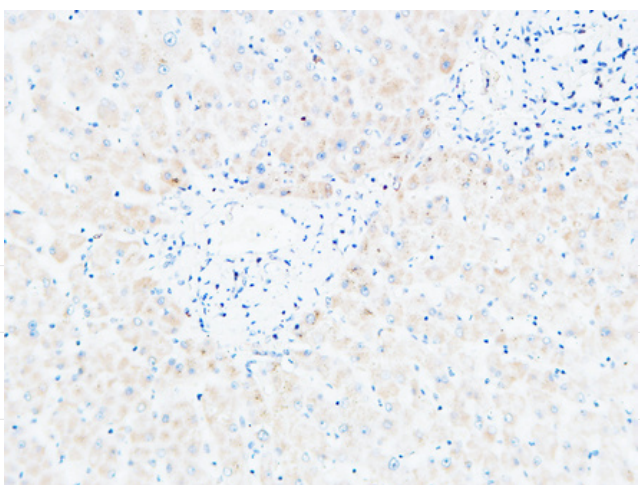
Products Images



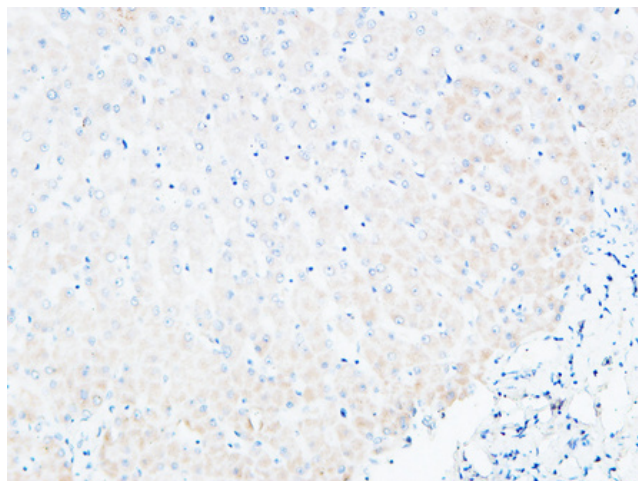
Western Blot analysis of mouse spleen cells using BLC Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



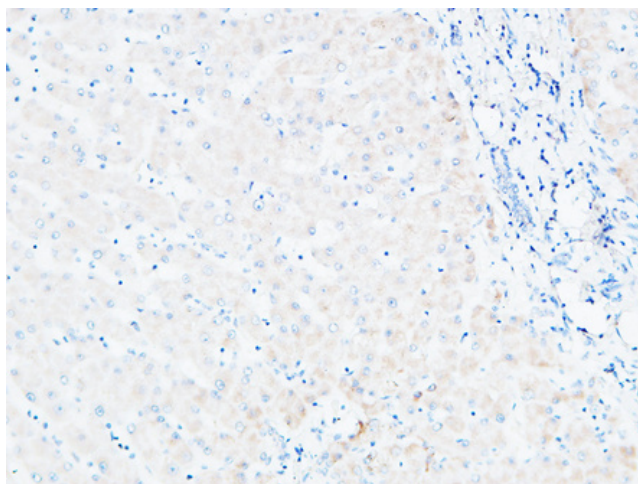
Immunohistochemical analysis of paraffin-embedded human-muscle, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human Liver. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).



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