

For Research Use Only

# CXCL13/BCA1 Polyclonal antibody

Catalog Number: 10927-1-AP

16 Publications



## Basic Information

<b>Catalog Number:</b> 10927-1-AP	<b>GenBank Accession Number:</b> BC012589	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10563	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> chemokine (C-X-C motif) ligand 13	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 13 kDa	
<b>Immunogen Catalog Number:</b> AG1358	<b>Observed MW:</b> 10 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, IHC, WB	<b>WB :</b> human placenta tissue, human plasma tissue, Jurkat cells
<b>Species Specificity:</b> human	<b>IHC :</b> human tonsillitis tissue, human renal cell carcinoma tissue, human breast cancer tissue, human lymphoma tissue, human liver tissue
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

BLR1 (Burkitt lymphoma receptor-1), also called CXCR5, is highly expressed on Burkitt lymphoma cells and B lymphocytes. It may therefore function in the homing of B lymphocytes to follicles. It was reported that the B cell chemokine CXCL13 is elevated in MS serum and cerebrospinal fluid. CXCL13 is also regarded as a proposed serum biomarker of synovitis in RA (Rheumatoid arthritis). CXCL13 consists of a 22-aa signal peptide and a 87-aa mature poly-peptide.

## Notable Publications

Author	Pubmed ID	Journal	Application
Weihua Xu	31702033	Mol Med Rep	WB
Johannes Griss	31519915	Nat Commun	IF
Jiwei Sun	35702068	Am J Transl Res	IHC

## Storage

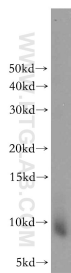
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

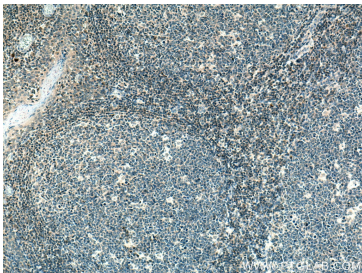
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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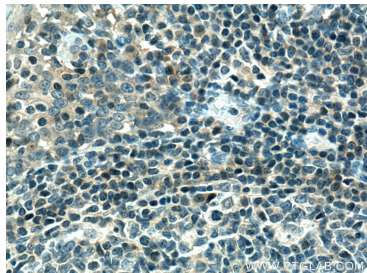
## Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 10927-1-AP (CXCL13/BCA1 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10927-1-AP (CXCL13/BCA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10927-1-AP (CXCL13/BCA1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).