

For Research Use Only

CXCL13/BCA1 Polyclonal antibody

Catalog Number: 10927-1-AP

23 Publications



Basic Information

Catalog Number:

10927-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1358

GenBank Accession Number:

BC012589

GeneID (NCBI):

10563

UNIPROT ID:

O43927

Full Name:

chemokine (C-X-C motif) ligand 13

Calculated MW:

13 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human tonsillitis tissue, human renal cell carcinoma tissue, human breast cancer tissue, human lymphoma tissue, human liver tissue

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)

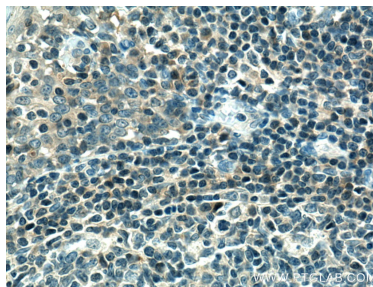
E: proteintech@ptglab.com
W: ptglab.com

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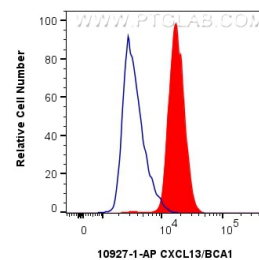
Selected Validation Data



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).



1x10⁶ TT cells were intracellularly stained with 0.2 ug CXCL13/BCA1 Polyclonal antibody (10927-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.2 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).