

For Research Use Only

CXCL13/BCA1 Polyclonal antibody

Catalog Number: 10927-1-AP

23 Publications



Basic Information

Catalog Number:	10927-1-AP	GenBank Accession Number:	BC012589	Purification Method:	Antigen affinity purification
Concentration:	500 ug/ml	GeneID (NCBI):	10563	Recommended Dilutions:	IHC 1:50-1:500
Source:	Rabbit	UNIPROT ID:	O43927		
Isotype:	IgG	Full Name:	chemokine (C-X-C motif) ligand 13		
Immunogen Catalog Number:	AG1358	Calculated MW:	13 kDa		

Applications

Tested Applications:	IHC, ELISA	Positive Controls:	
Cited Applications:	WB, IHC, IF	IHC :	human tonsillitis tissue, human renal cell carcinoma tissue, human breast cancer tissue, human lymphoma tissue, human liver tissue
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			

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

For technical support and original validation data for this product please contact:

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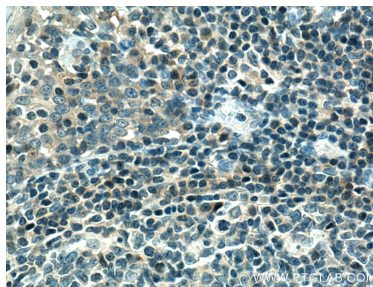
W: ptgcn.com

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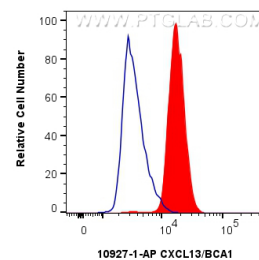
Selected Validation Data



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).



1×10^6 TT cells were intracellularly stained with 0.2 μ g CXCL13/BCA1 Polyclonal antibody (10927-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.2 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).