

CXCL13/BCA1 Recombinant monoclonal antibody

Catalog Number: 87928-3-RR

Basic Information

Catalog Number: 87928-3-RR	GenBank Accession Number: NM_006419.2	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 10563	CloneNo.: 253456A10
Isotype: IgG	UNIPROT ID: Q53X90	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:250-1:1000
Immunogen Catalog Number: EG7258	Full Name: chemokine (C-X-C motif) ligand 13	
	Calculated MW: 13 kDa	
	Observed MW: 13 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : TT cells, IHC : human tonsillitis tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

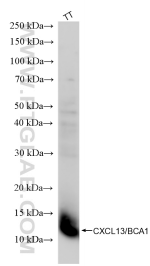
Background Information

CXCL13 (C-X-C motif chemokine ligand 13), also known as B cell-attracting chemokine 1 (BCA-1) or B-lymphocyte chemoattractant (BLC), is a small cytokine belonging to the CXC chemokine family. It was independently discovered by two research groups in 1998-Legler et al. identified it as BCA-1, while Gunn et al. described it as BLC. CXCL13 is primarily secreted by follicular dendritic cells (FDCs) within B-cell follicles of secondary lymphoid organs, including lymph nodes, spleen, and Peyer's patches.

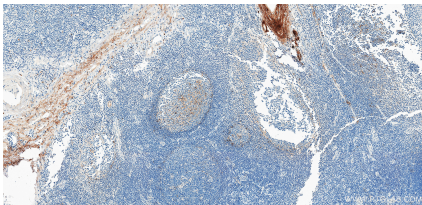
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

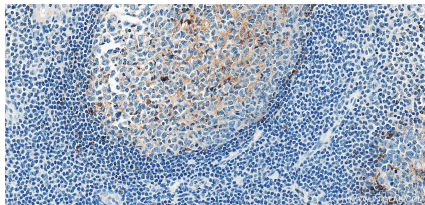
Selected Validation Data



TT cells were subjected to SDS PAGE followed by western blot with 87928-3-RR (CXCL13 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 87928-3-RR (CXCL13 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 87928-3-RR (CXCL13 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).