

For Research Use Only

# XCL1 Polyclonal antibody

Catalog Number: 33408-1-AP



## Basic Information

<b>Catalog Number:</b> 33408-1-AP	<b>GenBank Accession Number:</b> NML_008510.1	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 470 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 16963	<b>Recommended Dilutions:</b> IHC: 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P47993	
<b>Isotype:</b> IgG	<b>Full Name:</b> chemokine (C motif) ligand 1	
<b>Immunogen Catalog Number:</b> EG2932	<b>Calculated MW:</b> 12 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse spleen tissue, mouse thymus tissue
<b>Species Specificity:</b> 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

XCL1/lymphotactin is a member of the chemokine family, which is expressed by immune cells, including activated CD8+ T cells, CD4+ T cells, natural killer cells (NKC), and natural killer T (NKT) cells. XCR1, the XCL1 receptor, is a member of the C-chemokine subfamily expressed on CD4+ and CD8+ T cells, NKCs, B cells, and neutrophils. XCL1 has a potential role in inflammatory diseases, including chronic inflammatory bowel disease, autoimmune diabetes, encephalomyelitis, and rheumatoid arthritis (RA).

## Storage

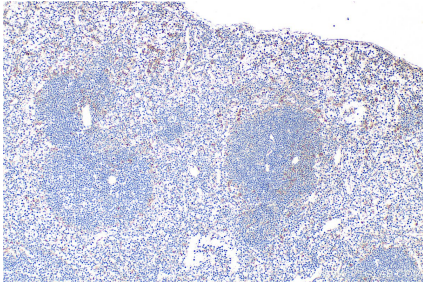
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

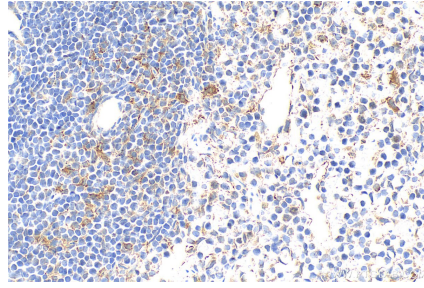
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 33408-1-AP (XCL1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 33408-1-AP (XCL1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).