

For Research Use Only

CX3CL1 Polyclonal antibody

Catalog Number: 10108-2-AP

15 Publications



Basic Information

Catalog Number: 10108-2-AP	GenBank Accession Number: BC001163	Purification Method: Antigen affinity purification
Concentration: 1000 ug/ml	GeneID (NCBI): 6376	Recommended Dilutions: WB 1:500-1:2000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: P78423	
Isotype: IgG	Full Name: chemokine (C-X3-C motif) ligand 1	
Immunogen Catalog Number: AG0161	Calculated MW: 42 kDa	
	Observed MW: 90-100 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB : PC-3 cells, human brain tissue
Species Specificity: human	IHC : human small intestine tissue, human lung tissue
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

Chemokines direct the trafficking of white blood cells in immune surveillance, playing a key role in inflammatory and infectious diseases such as AIDS. The human CX3C chemokine carries the chemokine domain on top of an extended mucin-like stalk. CX3CL1 is synthesized as a 50-75 kDa precursor and undergoes glycosylation to yield two mature forms: a 100 kDa cell membrane bound form and an 85 kDa soluble form which is released from the cell surface. The soluble CX3C chemokine has potent chemoattractant activity for T cells and monocytes, and the cell-surface-bound protein, which is induced by primary proinflammatory signals in activated primary endothelial cells, promotes strong adhesion of those leukocytes.

Notable Publications

Author	Pubmed ID	Journal	Application
Hai-Yan Fu	36497042	Cells	WB
Pingfu Hou	34131400	Int J Biol Sci	WB
Shuo Miao	32799418	Mol Oncol	WB

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

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

T: 4006900926

E: Proteintech-CN@ptglab.com

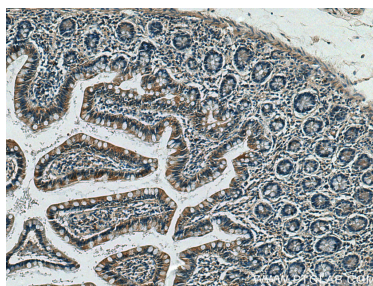
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

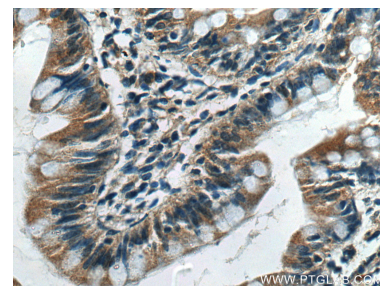
Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 10108-2-AP (CX3CL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10108-2-AP (CX3CL1 antibody) at dilution of 1:400 (under 10x lens)..



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 10108-2-AP (CX3CL1 antibody) at dilution of 1:400 (under 40x lens)..