

For Research Use Only

CX3CL1 Recombinant monoclonal antibody

Catalog Number: 85353-2-RR



Basic Information

Catalog Number: 85353-2-RR	GenBank Accession Number: BC016164	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6376	CloneNo.: 251665G8
Source: Rabbit	UNIPROT ID: P78423	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: chemokine (C-X3-C motif) ligand 1	
Immunogen Catalog Number: EG6637	Calculated MW: 42 kDa	
	Observed MW: 55-75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : T-47D cells, MDA-MB-231 cells, MCF-7 cells, MCF-10A cells
Species Specificity: human	

Background Information

CX3CL1, also known as fractalkine, is a trans-membrane chemokine that acts as a ligand for both CX3CR1 and integrins $\alpha\beta3$ and $\alpha4\beta1$ (PMID: 9479488; 23125415). CX3CL1 is expressed by many hematopoietic and nonhematopoietic cells, including macrophages, endothelial cells, neurons, and fibroblasts. It is involved in immune responses and inflammation (PMID: 21045240). CX3CL1 exists in a membrane-anchored molecule and a soluble form, generated by proteolytic cleavage (PMID: 11495925; 12714508).

Storage

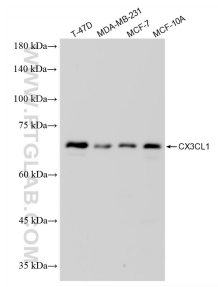
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85353-2-RR (CX3CL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.