

For Research Use Only

# CX3CL1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85353-2-PBS



## Basic Information

|                                                             |                                                        |                                                       |
|-------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>85353-2-PBS                       | <b>GenBank Accession Number:</b><br>BC016164           | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>6376                          | <b>CloneNo.:</b><br>251665G8                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>P78423                           |                                                       |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>chemokine (C-X3-C motif) ligand 1 |                                                       |
| <b>Immunogen Catalog Number:</b><br>EG6637                  | <b>Calculated MW:</b><br>42 kDa                        |                                                       |
|                                                             | <b>Observed MW:</b><br>55-75 kDa                       |                                                       |

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**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

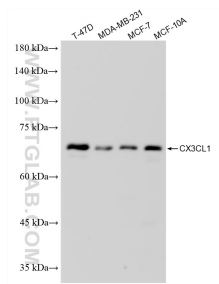
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

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)  
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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. This data was developed using the same antibody clone with 85353-2-PBS in a different storage buffer formulation.