

For Research Use Only

CX3CL1 Recombinant monoclonal antibody

Catalog Number: 85353-2-RR



Basic Information

Catalog Number:

85353-2-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6637

GenBank Accession Number:

BC016164

GeneID (NCBI):

6376

UNIPROT ID:

P78423

Full Name:

chemokine (C-X3-C motif) ligand 1

Calculated MW:

42 kDa

Observed MW:

55-75 kDa

Purification Method:

Protein A purification

CloneNo.:

251665G8

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : T-47D cells, MDA-MB-231 cells, MCF-7 cells, MCF-10A cells

Background Information

CX3CL1, also known as fractalkine, is a trans-membrane chemokine that acts as a ligand for both CX3CR1 and integrins $\alpha v \beta 3$ and $\alpha 4 \beta 1$ (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

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

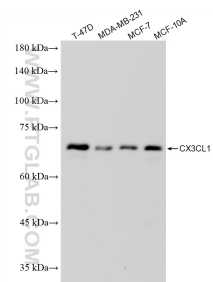
T: 4006900926

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



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.