

For Research Use Only

Anti-Human CX3CL1 Rabbit Recombinant Antibody

Catalog Number: 98595-2-RR



Basic Information

Catalog Number:

98595-2-RR

Size:

100ug, 1000 µg/ml

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

Purification Method:

Protein A purification

CloneNo.:

251665D12

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : HepG2 cells,

Background Information

CX3CL1, also known as fractalkine, is a transmembrane chemokine that acts as a ligand for both CX3CR1 and integrins αvβ3 and α4β1 (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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

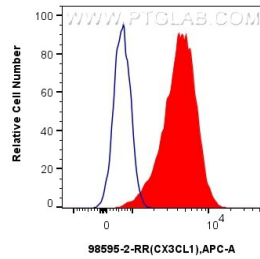
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ HepG2 cells were surface stained with 0.25 ug Anti-Human CX3CL1 Rabbit RecAb (98595-2-RR, Clone: 251665D12) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and Coralite647-conjugated F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were not fixed.