

For Research Use Only

Anti-Human CX3CL1 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98595-2-PBS



Basic Information

Catalog Number: 98595-2-PBS	GenBank Accession Number: BC016164	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 6376	CloneNo.: 251665D12
Source: Rabbit	UNIPROT ID: P78423	
Isotype: IgG	Full Name: chemokine (C-X3-C motif) ligand 1	
Immunogen Catalog Number: EG6637	Calculated MW: 42 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

CX3CL1, also known as fractalkine, is a transmembrane 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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

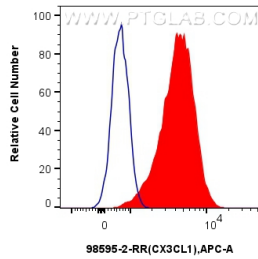
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Selected Validation Data



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. This data was developed using the same antibody clone with 98595-2-PBS in a different storage buffer formulation.