

**Anti-CX3CL1 / Fractalkine Reference Antibody (quetmolimab)
Recombinant Antibody
Catalog # APR10868****Specification**

Anti-CX3CL1 / Fractalkine Reference Antibody (quetmolimab) - Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P78423
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	144.72 KDa

Anti-CX3CL1 / Fractalkine Reference Antibody (quetmolimab) - Additional Information**Target/Specificity**
CX3CL1 / Fractalkine**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Anti-CX3CL1 / Fractalkine Reference Antibody (quetmolimab) - Protein Information****Name** CX3CL1 {ECO:0000303|PubMed:9024663}**Function**
Chemokine that acts as a ligand for both CX3CR1 and integrins ITGAV:ITGB3 and ITGA4:ITGB1 (PubMed:12055230, PubMed:21829356, PubMed:23125415, PubMed:9782118, PubMed:9931005). The CX3CR1-CX3CL1 signaling exerts distinct functions in different tissue compartments, such as immune response, inflammation, cell adhesion and chemotaxis (PubMed:12055230, PubMed:9024663, PubMed:9177350, PubMed:9782118). Regulates

leukocyte adhesion and migration processes at the endothelium (PubMed:9024663, PubMed:9177350). Can activate integrins in both a CX3CR1-dependent and CX3CR1-independent manner (PubMed:23125415, PubMed:24789099). In the presence of CX3CR1, activates integrins by binding to the classical ligand-binding site (site 1) in integrins (PubMed:23125415, PubMed:24789099). In the absence of CX3CR1, binds to a second site (site 2) in integrins which is distinct from site 1 and enhances the binding of other integrin ligands to site 1 (PubMed:23125415, PubMed:24789099).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

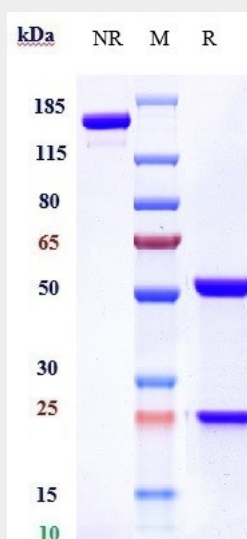
Expressed in the seminal plasma, endometrial fluid and follicular fluid (at protein level). Small intestine, colon, testis, prostate, heart, brain, lung, skeletal muscle, kidney and pancreas. Most abundant in the brain and heart

Anti-CX3CL1 / Fractalkine Reference Antibody (quetmolimab) - Protocols

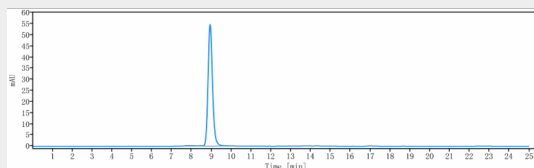
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CX3CL1 / Fractalkine Reference Antibody (quetmolimab) - Images



Anti-CX3CL1 / Fractalkine Reference Antibody (quetmolimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-CX3CL1 / Fractalkine Reference Antibody (quetmolimab) is more than 98.99%, determined by SEC-HPLC.