

## CX3CL1 antibody

### Product Information

Catalog No.:	FNab02088
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Acts as a ligand for both CX3CL1 and integrins. Binds to CX3CR1(PubMed:23125415, PubMed:9931005, PubMed:21829356). Binds to integrins ITGAV:ITGB3 and ITGA4:ITGB1. Can activate integrins in both a CX3CR1-dependent and CX3CR1-independent manner. In the presence of CX3CR1, activates integrins by binding to the classical ligand-binding site(site 1) in integrins. 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). The soluble form is chemotactic for T-cells and monocytes and not for neutrophils. The membrane-bound form promotes adhesion of those leukocytes to endothelial cells. May play a role in regulating leukocyte adhesion and migration processes at the endothelium(PubMed:9024663, PubMed:9177350).

### Immunogen information

Immunogen:	chemokine(C-X3-C motif) ligand 1
Synonyms:	Fractalkine C-X3-C motif chemokine 1 CX3C membrane-anchored chemokine Neurotactin Small-inducible cytokine D1 Processed fractalkine CX3CL1 FKN NTT SCYD1
Observed MW:	90-100 kDa
Uniprot ID :	P78423

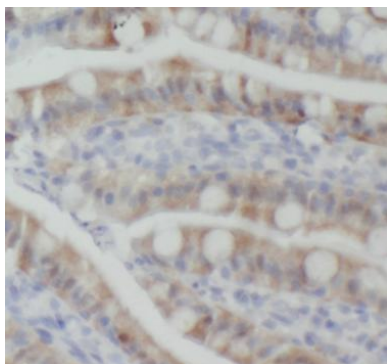
### Application

Reactivity: Human, Mouse, Rat

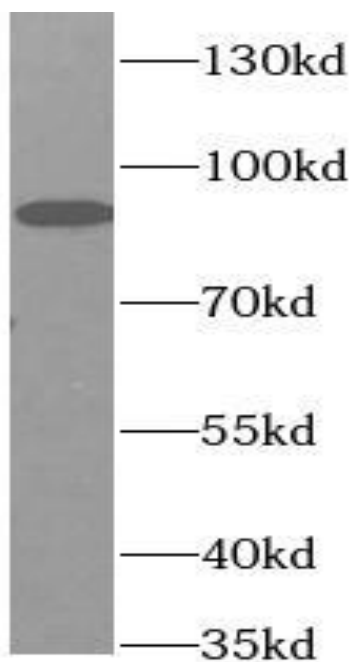
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human small intestine slide using FNab02088(CX3CL1 Antibody) at dilution of 1:50



PC-3 cells were subjected to SDS PAGE followed by western blot with FNab02088(CX3CL1 antibody) at dilution of 1:1000