

Mouse CX3CL1 Monoclonal Antibody | anti-CX3CL1 antibody

CX3CL1 Mouse Monoclonal

CATALOG # AAA102766	HOST Mouse	REACTIVITY Human; other species are not tested.	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

CX3CL1; Monoclonal Antibody; CX3CL1 Mouse Monoclonal; FKN; NTT; SCYD1; anti-CX3CL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human; other species are not tested.
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5D1
Specificity	Please decide the specificity by homology.
Purity/Purification	≥ 95% as determined by SDS-PAGE/Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Applicable Applications for anti-CX3CL1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Chemokine (C-X3-C motif) ligand 1
Preparation and Storage	Store at -20°C for 24 months. (Avoid repeated freeze / thaw cycles.)

IMAGES


WB (Western Blot)

PC-3 cells were subjected to SDS PAGE followed by western blot with AAA102766 (CX3CL1 antibody) at dilution of 1:1000


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue slide using AAA102766 (CX3CL1 Antibody) at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-CX3CL1 antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146969
NCBI GeneID	6376
UniProt Accession #	Q6I9S9; P78423
Molecular Weight	90 kDa
NCBI Official Full Name	CX3CL1
NCBI Official Synonym Full Names	C-X3-C motif chemokine ligand 1
NCBI Official Symbol	CX3CL1
NCBI Official Synonym Symbols	NTN; NTT; CXC3; CXC3C; SCYD1; ABCD-3; C3Xkine; fractalkine; neurotactin
NCBI Protein Information	fractalkine
UniProt Protein Name	CX3CL1 protein
UniProt Gene Name	CX3CL1
UniProt Entry Name	Q6I9S9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cx3cl1-antibody-clone-5d1-immunohistochemistry-western-blot-elisa/102766>