

CX3CL1

Rabbit Anti-Mouse Chemokine Ligand 1 Neutralizing pAb

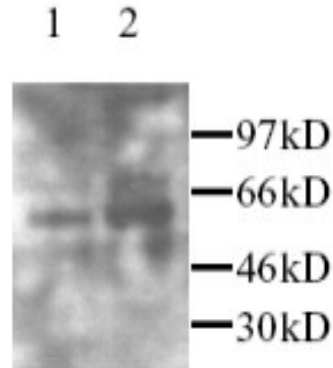
Catalog No.	CPF202	Quantity:	500 µg
Alternate Names:	Fractalkine, Neurotactin, CXC3, CXC3C, NTN, NTT, SCYD1		
Gene ID:	20312		
Description:	Rabbit Anti-Mouse CX3CL1 Neutralizing polyclonal antibody. CX3CL1 is a membrane-bound CX3C chemokine. The mature protein is part of a 397-amino acid precursor consisting of a chemokine domain (76 amino acids), a mucin stalk of 241 residues, a putative transmembrane domain (18 amino acids), and an intracellular tail of 37 amino acids. Within the chemokine domain the first two cysteine residues are separated by 3 amino acids. Fractalkine message is found at high concentrations in the brain, and also in kidney, lung and heart. Fractalkine is chemotactic for monocytes and may play a role in brain inflammation.		
Specificity:	Recombinant and natural mouse CX3CL1		
Host:	Rabbit		
Immunogen:	Recombinant chemotactic domain of mouse CX3CL1		
Isotype:	IgG		
Formulation:	Lyophilized with 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein A purified		
Reconstitution:	Centrifuge vial prior to opening. Add 500 µl PBS to the vial to fully solubilize the antibody.		
Cross-Reactivity:	Less than 30% cross-reactivity to human and rat CX3CL1. Cross-reactivity to CX3CL1 of other species has not been determined.		
Applications:	Western Blot Immunoprecipitation Immunohistochemistry		
Application Notes:	For Western Blot, use a working dilution of 1:1,000-1:2,000. For Immunoprecipitation, use a working dilution of 1:300-1:800. For Immunohistochemistry, use a working dilution of 1:100-1:500. The optimal concentration should be determined by the user for each specific application.		



Storage & Stability:

Store at 2-4°C for short term storage or in working aliquots at -20°C for long term storage. **Avoid repeated freeze-thaw cycles.**

Western Blot detection of CX3CL1 in rat (Lane 1) and mouse (Lane 2) brain



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

