BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Fractalkine CX3CL1 Antibody Picoband®

Catalog Number: PA1400

About CX3CL1

Chemokine (C-X3-C motif) ligand 1, also known as CX3CL1, is a large cytokine protein. It is said to be the only known member of the CX3C chemokine family. It is also commonly known under the names fractalkine (in humans) and neurotactin (in mice). Its gene is mapped to the long arm of chromosome 8. Being the large protein, it has got 373 amino acids. Imai et al. (1997) identified a 7-transmembrane high-affinity receptor (CX3CR1; 601470) for fractalkine and showed that it mediates both the adhesive and migratory functions of fractalkine.

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Overview

Product Name	Anti-Fractalkine CX3CL1 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-Fractalkine CX3CL1 Antibody catalog # PA1400. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P78423

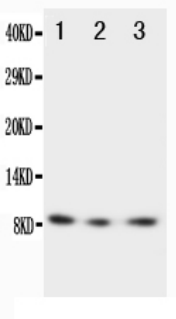
Technical Details

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Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CX3CL1.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human

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Anti-Fractalkine CX3CL1 Antibody Picoband® (PA1400) Images



Anti-CX3CL1 antibody, PA1400, Western blottingLane 1: Recombinant Human Fractalkine Protein 10ngLane 2: Recombinant Human Fractalkine Protein 5ngLane 3: Recombinant Human Fractalkine Protein 2.5ng

3 Publications Citing This Product

1. PubMed ID: 10.1002/ar.22430, Distribution Change of Mast Cells in Human Nasal Polyps

2. PubMed ID: 10.1002/ar.22430, Distribution Change of Mast Cells in Human Nasal Polyps

3. PubMed ID: 10.1002/ar.22430, Distribution Change of Mast Cells in Human Nasal Polyps

Visit bosterbio.com/anti-fractalkine-cx3cl1-antibody-pa1400-boster.html to see all 3 publications.

Anti-Fractalkine CX3CL1 Antibody

For Research Use Only. Not for use in diagnostic procedures.