

Fractalkine Polyclonal Antibody

CATALOG #:	5088-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	E. coli-expressed recombinant human Fractalkine (Internal IN# BV-832)
SPECIES REACTIVITY:	Human, mouse, rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-Fractalkine polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

STORAGE CONDITIONS:

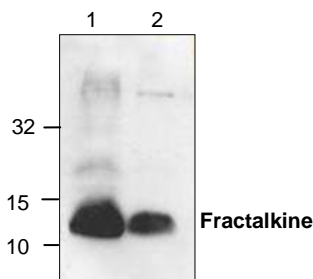
Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

DESCRIPTION:

Fractalkine, also known as neurotactin, is a membrane-bound CX₃C Chemokine. The mature protein is part of a 397-amino acid precursor and consists of a chemokine domain of 76 amino acids, a mucin stalk of 241 amino acids, a putative transmembrane domain of 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 (CX₃C). Fractalkine message is found in high abundance in the brain, kidney, lung and heart tissues. Fractalkine is chemotactic for monocytes and other leukocytes including NK cells and may play a role in brain inflammation.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). Per researcher's feedback, it can also be used in immunoprecipitation (4-8 µg/ml), and immunohistochemistry (10-20 µg/ml). However, the optimal conditions should be determined individually.



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Western blot analysis using recombinant human Fractalkine.
Lane 1: 1 µg
Lane 2: 250 ng

FOR RESEARCH USE ONLY! Not to be used on humans.

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- Apoptosis Inducers and Set
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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
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- Mammalian Cell Extraction Kit
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