
Polyclonal Antibody to Human Fractalkine

Chicken Anti Human Neurotactin

Fractalkine, or neurotactin, is a chemokine present in endothelial cells from several tissues, including brain, liver, and kidney. A high level of fractalkine has also been described in neurons from different regions of the mouse brain. It is the only member of the CX(3)C class of chemokines. Fractalkine contains a chemokine domain (CDF) attached to a membrane-spanning domain via a mucin-like stalk. However, fractalkine can also be proteolytically cleaved from its membrane-spanning domain to release a freely diffusible form. Fractalkine attracts and immobilizes leukocytes by binding to its receptor, CX(3)CR(1). This antibody was generated against the carboxy-terminal portion of human fractalkine, which is >90% identical with the corresponding mouse and rat sequences.

Product number: T-1510

Clone: polyclonal

Lot: 03AP0504

TECHNICAL AND ANALYTICAL CHARACTERISTICS:

Host species, subclass: Chicken IgY

Quantity: 100µg

Format: Affinity purified against peptide coupled to Sepharose, lyophilized.

Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.2mg/ml IgY, phosphate buffered saline pH 7.2 (PBS) and 0.01% sodium azide as a preservative.

Stability: Original vial: 1 year at 4° - 8°C

Applications: Tested for immunohistochemistry (IHC).

Approximate working dilution for IHC:

Frozen sections: 1µg/ml (1:200). Lower working concentration combined with longer incubation time (e.g. >2hours at room temperature) and choice of blocking reagent and secondary antibody may improve your results.

Paraffin sections: not tested

Optimal dilutions should be determined by the end user.

Suggested positive control: Rat brain.

Please see www.bma.ch for protocols and general information.

Immunogen: Synthetic C-terminal peptide coupled to carrier protein.

Antigen, epitope: Human Fractalkine, C-terminal domain.

Specificity: Human, cross-reaction with mouse and rat.

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.

T-1510

Fractalkine

2.2.2015