BMA BIOMEDICALS

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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-1510 (Lot 03AP0504)
Clone:	Polyclonal antibody
Host species, isotype:	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 from date of purchase.
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.

©2024 BMA BIOMEDICALS, Rheinstrasse 28-32, CH-4302 Augst (Switzerland)
Phone: +41 61 811 6222, Email: info@bma.ch, www.bma.ch

Immunogen:	Synthetic C-terminal peptide coupled to carrier protein: MAEGLRYIPRSCGSNSYVLVPV
Protein database:	human-P78423
Antigen, epitope:	Human Fractalkine, C-terminal domain.
Specificity:	Human, cross-reaction with mouse and rat.

For in vitro research only. This product contains sodium azide as a preservative.

©2024 BMA BIOMEDICALS, Rheinstrasse 28-32, CH-4302 Augst (Switzerland)
Phone: +41 61 811 6222, Email: info@bma.ch, www.bma.ch