

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CX3CL1/Fractalkine Chemokine Domain in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 81513
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 and <i>E. coli</i> -derived recombinant human CX3CL1/Fractalkine Chemokine Domain Gln25-Arg339 (Ser199Asn) Accession # P78423
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Human CX3CL1/Fractalkine Full Length (Catalog # 365-FR)
Immunohistochemistry	8-25 µg/mL	Immersion fixed paraffin-embedded sections of human Alzheimer's disease brain

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

CX3CL1 is a type I membrane protein in which an extracellular chemokine domain possessing a unique C-X₃-C cysteine motif is tethered on a long mucin-like stalk. It can also be released as a soluble molecule upon proteolysis at a membrane proximal site.