

Product datasheet for **PP1009B1**

CX3CL1 Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | ELISA, WB |
| Recommended Dilution: | Direct ELISA: To detect Human Fractalkine by direct ELISA (using 100 µl/well antibody solution) a concentration of ~1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody allows the detection of at least 2000-4000 pg/well of recombinant Human Fractalkine. Sandwich ELISA: To detect Human Fractalkine by Sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This Biotinylated antibody, in conjunction with Anti-Human Fractalkine (Cat.-No PP1009P1 or PP1009P2) as a Capture antibody, allows the detection of at least 2000-4000 pg/well of recombinant Human Fractalkine. Western Blot: To detect Human Fractalkine by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human Fractalkine is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Highly pure (> 98%) recombinant Human Fractalkine (Cat.-No PA057) |
| Specificity: | Human Fractalkine. |
| Formulation: | PBS, pH 7.2, without preservatives Label: Biotin State: Sterile filtered, Lyophilized purified Ig fraction |
| Reconstitution Method: | Centrifuge vial prior to opening. Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. |
| Purification: | Affinity chromatography |
| Conjugation: | Biotin |



[View online »](#)

| | |
|-----------------------|--|
| Storage: | Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | C-X3-C motif chemokine ligand 1 |
| Database Link: | Entrez Gene 6376 Human P78423 |
| Background: | CX3CL1 is a member of the delta chemokine subfamily that contains a unique CX3C cysteine motif near the N-terminal. Unlike other known chemokines, it is a type 1 membrane protein containing a chemokine domain tethered on a long mucin-like stalk. CX3CL1, a leukocyte chemoattractant, is expressed in various tissues including the brain, heart, lung, kidney, skeletal muscle, and testis. The expression is reported to be up-regulated in endothelial cells and microglia by inflammatory signals. CX3CR1, a specific receptor for fractalkine, mediates both leukocyte migration and adhesion. |
| Synonyms: | Neurotactin, FKN, NTT, SCYD1 |