**DESCRIPTION**

**Species Reactivity**  Human

**Specificity**  Detects human CX3CL1/Fractalkine Chemokine Domain in direct ELISAs and Western blots.

**Source**  Monoclonal Mouse IgG, Clone # 81513

**Purification**  Protein A or G purified from hybridoma culture supernatant

**Immunogen**  NS0 and E. coli-derived recombinant human CX3CL1/Fractalkine Chemokine Domain Glu25-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 either lyophilized or 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.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Recommended Concentration</th>
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<tbody>
<tr>
<td>Western Blot</td>
<td>1 µg/mL</td>
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<tr>
<td>Immunohistochemistry</td>
<td>8-25 µg/mL</td>
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</table>

**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 ºC.

**Stability & Storage**  Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 ºC as supplied.
- 1 month, 2 to 8 ºC under sterile conditions after reconstitution.
- 6 months, -20 to -70 ºC 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.

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Human CX3CL1/Fractalkine Chemokine Domain Antibody  
Monoclonal Mouse IgG, Clone # 81513  
Catalog Number: MAB3651