

# Human CX3CL1/Fractalkine Chemokine Domain Alexa Fluor® 350-conjugated Antibody

Monoclonal Mouse IgG<sub>1</sub> Clone # 81506

Catalog Number: IC3652U

DESCRIPTION	
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human CX3CL1/Fractalkine in ELISAs. In sandwich immunoassays, less than 10% cross-reactivity with recombinant mouse CXCL6 and less than 0.2% cross-reactivity with recombinant human (rh) CXCL6, rhCXCL9, and recombinant rat CX3CL1 is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # 81506
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	NS0-derived and <i>E. coli</i> -derived Recombinant Human CX3CL1/Fractalkine Gln25-Arg339 Accession # P78423
<b>Conjugate</b>	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
<b>Formulation</b>	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS		
<b>Please Note:</b> Optimal dilutions should be determined by each laboratory for each application. <i>General Protocols</i> are available in the <i>Technical Information</i> section on our website.		
	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Intracellular Staining by Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	Human CX3CL1/Fractalkine transfected NS0 cells fixed with paraformaldehyde and permeabilized with saponin

PREPARATION AND STORAGE	
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

**BACKGROUND**  
CX3CL1, also known as Fractalkine, is a type I membrane protein in which a 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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