



# Anti-CX3CL1 monoclonal antibody, clone 237426 (DCABY-3979)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	View Fractalkine IHC images.
<b>Specificity</b>	Detects mouse CX3CL1/Fractalkine in Western blots. In direct ELISAs, this antibody shows 100% cross-reactivity with the chemokine domain of recombinant human (rh)CX3CL1, 13% cross-reactivity with rhCX3CL1, and 50% cross-reactivity with recombinant rat CX3CL1.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse CX3CL1/Fractalkine, <i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse CX3CL1/Fractalkine, and <i>E. coli</i> -derived recombinant mouse CX3CL1/Fractalkine
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	237426
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot, ELISA Capture (Matched Pair), Neutralization
<b>Format</b>	Liquid
<b>Size</b>	500 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
<b>Preservative</b>	None

<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	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.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Cx3cl1 chemokine (C-X3-C motif) ligand 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	CX3CL1
<b>Synonyms</b>	CX3CL1; chemokine (C-X3-C motif) ligand 1; CX3C; Cxc3; Scyd1; ABCD-3; AB030188; AI848747; D8Bwg0439e; fractalkine; neurotactin; C-X3-C motif chemokine 1; small-inducible cytokine D1; CX3C membrane-anchored chemokine; small inducible cytokine subfamily D,
<b>Entrez Gene ID</b>	<a href="#">20312</a>
<b>Protein Refseq</b>	<a href="#">NP_033168</a>
<b>UniProt ID</b>	<a href="#">Q35188</a>
<b>Chromosome Location</b>	8 C5; 8 46.79 cM
<b>Pathway</b>	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; GPCR ligand binding; Peptide ligand-binding receptors; Signal Transduction; Signaling by GPCR;
<b>Function</b>	chemokine activity; cytokine activity;