



# Anti-CCL20 monoclonal antibody, clone 225009 (DCABY-3955)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Macrophage inflammatory protein 3 alpha (MIP-3 alpha), also known as LARC (liver and activation-regulated chemokine) and as exodus-1, is one of many novel CC chemokines identified through bioinformatics. MIP-3 alpha is distantly related to other CC chemokines (20 - 28% amino acid sequence identity). Rat MIP-3 alpha shares approximately 70% and 61% amino acid sequence identity with mouse and human MIP-3 alpha, respectively.
<b>Specificity</b>	Detects mouse CCL20/MIP-3 alpha in ELISAs. Does not cross-react with recombinant human (rh) CCL19, rhCCL20, rmCCL3, 4, 9, 19, rmCXCL2, or rrCCL20.
<b>Immunogen</b>	E. coli-derived recombinant mouse CCL20/MIP-3 alpha . Ala28-Met97 Accession Number O89093
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	225009
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	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>	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month from date of receipt, 2 to 8 °C, reconstituted.</p> <p>6 months from date of receipt, -20 to -70 °C, reconstituted.</p>

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Ccl20 chemokine (C-C motif) ligand 20 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	CCL20
<b>Synonyms</b>	CCL20; chemokine (C-C motif) ligand 20; CKb4; LARC; ST38; MIP3A; MIP-3A; Scya20; MIP-3[a]; exodus-1; C-C motif chemokine 20; MIP-3-alpha; CC chemokine LARC; CC chemokine ST38; beta chemokine exodus-1; beta-chemokine exodus-1; small-inducible cytokine A20;
<b>Entrez Gene ID</b>	<a href="#">20297</a>
<b>Protein Refseq</b>	<a href="#">NP_001153210</a>
<b>UniProt ID</b>	<a href="#">O89093</a>
<b>Chromosome Location</b>	1 C5; 1 42.69 cM
<b>Pathway</b>	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; EBV LMP1 signaling; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding;
<b>Function</b>	chemokine activity; cytokine activity; protein binding;