



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

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	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.
Immunogen	E. coli-derived recombinant mouse CCL20/MIP-3 alpha . Ala28-Met97 Accession Number O89093
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Mouse
Clone	225009
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair), Neutralization
Procedure	Matched Antibody Pairs
Format	Liquid
Size	500 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	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 from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	Ccl20 chemokine (C-C motif) ligand 20 [Mus musculus (house mouse)]
Official Symbol	CCL20
Synonyms	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;
Entrez Gene ID	20297
Protein Refseq	NP_001153210
UniProt ID	O89093
Chromosome Location	1 C5; 1 42.69 cM
Pathway	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;
Function	chemokine activity; cytokine activity; protein binding;