



Anti-CCL12 monoclonal antibody, clone 74306 (DCABY-4019)

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

PRODUCT INFORMATION

Antigen Description	Mouse MCP-5, also known as CCL12, encodes a 104 amino acid (aa) precursor protein with a 22 aa hydrophobic signal sequence that is cleaved to generate a 82 aa residue mature protein. MCP-5 is expressed constitutively in the thymus and lymph nodes. Under inflammatory conditions, MCP-5 expression is also induced in activated macrophages and mast cells.
Specificity	Detects mouse CCL12/MCP-5 in ELISAs and Western blots.
Immunogen	E. coli-derived recombinant mouse CCL12/MCP-5. Gly23-Gly104 Accession Number Q62401.1
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	74306
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair), Neutralization
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, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Ccl12 chemokine (C-C motif) ligand 12 [Mus musculus (house mouse)]
Official Symbol	CCL12
Synonyms	CCL12; chemokine (C-C motif) ligand 12; MCP-5; Scya12; C-C motif chemokine 12; MCP-1-related chemokine; small inducible cytokine A12; small-inducible cytokine A12; monocyte chemotactic protein 5; monocyte chemoattractant protein 5;
Entrez Gene ID	20293
Protein Refseq	NP_035461
UniProt ID	Q545B5
Chromosome Location	11 C; 11 49.9 cM
Pathway	Chagas disease (American trypanosomiasis); Chemokine signaling pathway; Cytokine-cytokine receptor interaction; Herpes simplex infection; Influenza A; Malaria; NOD-like receptor signaling pathway; Rheumatoid arthritis;
Function	CCR2 chemokine receptor binding; chemokine activity; cytokine activity;