



Anti-CCL20 polyclonal antibody [Biotin] (DPABY-500)

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 MIP-3 alpha in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant human (rh) MIP-3 alpha, rhMIP-3 beta, recombinant mouse (rm) MIP-3 beta, recombinant ratMIP-3 alpha, rmMIP-1 gamma, rmMIP-1 alpha, rmMIP-1 beta, and rmMIP-2 is observed.
Immunogen	E. coli-derived recombinant mouse CCL20/MIP-3 alpha . Ala27-Met96 Accession Number Q642U4
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

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	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;