



Anti-CCL23 polyclonal antibody [Biotin] (DPABY-657)

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

PRODUCT INFORMATION

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| Antigen Description | Ck beta 8-1 (SCYA23), a splice variant of Ck beta 8 (also known as MIPF-1), is a CC chemokine. Compared to Ck beta 8-1, Ck beta 8/MIPF-1 lacks a 17 amino acid residue stretch (Leu47-Gly 63) present in Ck beta 8-1 and has a unique arginine at residue 46. Ck beta 8-1/Ck beta 8 (MIPF-1) and leukotactin/MIP-1 delta form a subgroup of CC chemokines that have 6 conserved cysteine residues and an extended amino-terminus preceding the conserved cysteine pair. Ck beta 8-1 shares approximately 73% nucleotide sequence identity with leukotactin (MIP-1 delta). |
| Specificity | Detects human CCL23/MIPF-1 inELISAs and Western blots. In sandwich immunoassays,approximately 10% cross-reactivity with recombinant human (rh) CK beta 8-1 (a splice variant of rhMIPF-1) is observed, and less than 0.1% cross-reactivity with rhHCC-1, rhMIP-1 delta, and rhMIPF-2 is observed. |
| Immunogen | E. coli-derived recombinant human CCL23/MIPF-1 . Arg22-Asn120 Accession Number P55773 |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Antigen Affinity-purified |
| Conjugate | Biotin |
| Applications | Western Blot, ELISA Detection (Matched Pair) |
| Format | Liquid |
| Size | 50 µg |

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| 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

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| Gene Name | CCL23 chemokine (C-C motif) ligand 23 [Homo sapiens (human)] |
| Official Symbol | CCL23 |
| Synonyms | CCL23; chemokine (C-C motif) ligand 23; CKb8; MIP3; Ckb-8; MIP-3; MPIF-1; SCYA23; Ckb-8-1; hmrb-2a; CK-BETA-8; C-C motif chemokine 23; C6 beta-chemokine; macrophage inflammatory protein 3; myeloid progenitor inhibitory factor 1; small inducible cytokine s |
| Entrez Gene ID | 6368 |
| Protein Refseq | NP_005055 |
| UniProt ID | P55773 |
| Chromosome Location | 17q12 |
| Pathway | Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Formyl peptide receptors bind formyl peptides and many other ligands; G alpha (i) signalling events; G alpha (q) signalling events; GPCR downstream |
| Function | CCR1 chemokine receptor binding; chemokine activity; heparin binding; |