



# Anti-CCL23 polyclonal antibody [Biotin] (DPABY-678)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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).
<b>Specificity</b>	Detects human CCL23/Ck beta 8-1 in ELISAs and Western blots.
<b>Immunogen</b>	E. coli-derived recombinant human CCL23/CK beta 8-1 . Met46-Asn137 Accession Number AAD10846
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.

<b>Preservative</b>	None
<b>Storage</b>	Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 °C to - 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CCL23 chemokine (C-C motif) ligand 23 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CCL23
<b>Synonyms</b>	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
<b>Entrez Gene ID</b>	<a href="#">6368</a>
<b>Protein Refseq</b>	<a href="#">NP_005055</a>
<b>UniProt ID</b>	<a href="#">P55773</a>
<b>Chromosome Location</b>	17q12
<b>Pathway</b>	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
<b>Function</b>	CCR1 chemokine receptor binding; chemokine activity; heparin binding;