



# Anti-CCL13 polyclonal antibody [Biotin] (DPABY-393)

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

## PRODUCT INFORMATION

**Antigen Description** Human MCP-4, also known as CCL13, encodes a 98 amino acid (aa) precursor protein with a 23 aa hydrophobic signal peptide that is cleaved to yield an 8 kDa, 75 aa mature MCP-4. Mature MCP-4 lacks any potential N-glycosylation sites and shares a pyroglutamate proline motif with other human MCP proteins.

**Specificity** Detects human CCL13/MCP-4 in ELISAs and Western blots. In sandwich immunoassays, approximately 0.3% cross-reactivity with recombinant mouse (rm) JE, recombinant human (rh) MCP-2, rhMCP-3, rmMARC, rmMCP-5, rhEotaxin, rhEotaxin-2, rmEotaxin, rhRANTES, and rmRANTES is observed.

**Immunogen** E. coli-derived recombinant human CCL13/MCP-4 . Gln24-Thr98 Accession Number Q99616

**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

**Buffer** Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

**Preservative** None

<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">CCL13 chemokine (C-C motif) ligand 13 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CCL13
<b>Synonyms</b>	CCL13; chemokine (C-C motif) ligand 13; NCC1; CKb10; MCP-4; NCC-1; SCYL1; SCYA13; C-C motif chemokine 13; CK-beta-10; new CC chemokine 1; small-inducible cytokine A13; monocyte chemotactic protein 4; monocyte chemoattractant protein 4; small inducible cyt
<b>Entrez Gene ID</b>	<a href="#">6357</a>
<b>Protein Refseq</b>	<a href="#">NP_005399</a>
<b>UniProt ID</b>	<a href="#">Q99616</a>
<b>Chromosome Location</b>	17q11.2
<b>Pathway</b>	Chemokine signaling pathway; Cytokine-cytokine receptor interaction; NF-kappa B signaling pathway;
<b>Function</b>	chemokine activity; receptor binding;