



# Anti-CCL22 polyclonal antibody [Biotin] (DPABY-555)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Macrophage-derived chemokine (MDC), also named stimulated T cell chemotactic protein (STCP-1) and ABCD-1, and now designated as CCL22, is a CC chemokine initially isolated from clones of monocyte-derived macrophages. At the amino acid sequence level, MDC shows less than 35% identity to other CC chemokine family members. Human MDC is expressed in dendritic cells, macrophages and activated monocytes. In addition, MDC expression is detected in thymus, lymph node and appendix tissues. At the amino acid sequence level, mouse and human MDC share 64% identity and 83% similarity.
<b>Specificity</b>	Detects human CCL22/MDC in ELISAs and Western blots. In sandwich immunoassays, less than 0.03% cross-reactivity with recombinant mouse TARC, recombinant human (rh) TARC, and rh6Ckine is observed.
<b>Immunogen</b>	E. coli-derived recombinant human CCL22/MDC . Gly25-Gln93 Accession Number O00626
<b>Isotype</b>	IgY
<b>Source/Host</b>	Chicken
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified from egg yolks
<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 PBS with BSA as a carrier protein.

<b>Preservative</b>	None
<b>Storage</b>	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CCL22 chemokine (C-C motif) ligand 22 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CCL22
<b>Synonyms</b>	CCL22; chemokine (C-C motif) ligand 22; MDC; ABCD-1; SCYA22; STCP-1; DC/B-CK; A-152E5.1; C-C motif chemokine 22; MDC(1-69); CC chemokine STCP-1; macrophage-derived chemokine; small inducible cytokine A22; small-inducible cytokine A22; stimulated T cell ch
<b>Entrez Gene ID</b>	<a href="#">6367</a>
<b>Protein Refseq</b>	<a href="#">NP_002981</a>
<b>UniProt ID</b>	<a href="#">O00626</a>
<b>Chromosome Location</b>	16q13
<b>Pathway</b>	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; GPCR ligand binding; Peptide ligand-binding receptors; Signal Transduction; Signaling by GPCR;
<b>Function</b>	chemokine activity;