



Anti-CCL3 polyclonal antibody (DPABY-272)

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

PRODUCT INFORMATION

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| Antigen Description | View MIP-1 alpha IHC images. |
| Specificity | Detects human CCL3/MIP-1 alpha in ELISAs and Western blots. In sandwich immunoassays, less than 0.05% cross-reactivity with recombinant human (rh)MIP-1 beta, rhMIP-1 delta, rhMIP-3 alpha, rhMIP-3 beta, and recombinant mouse (rm)MIP-1 alpha is observed. Neutralizes the biological activity of recombinant human CCL3/MIP-1 alpha. In the chemotaxis assay this antibody will also partially neutralize the biological activity of rhMIP-1 beta at a 20 fold higher IgG concentration. It will not neutralize the biological activity of rmMIP-1 beta or rmMIP-1 alpha. |
| Immunogen | E. coli-derived recombinant human CCL3/MIP-1 alpha. Ala27-Ala92 Accession Number P10147 |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Antigen Affinity-purified |
| Conjugate | Unconjugated |
| Applications | Western Blot, Immunohistochemistry, ELISA Capture (Matched Pair), Neutralization |
| Format | Liquid |
| Size | 100 µg |
| Buffer | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. |
| Preservative | See individual product datasheet |

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| 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 | CCL3 chemokine (C-C motif) ligand 3 [Homo sapiens (human)] |
| Official Symbol | CCL3 |
| Synonyms | CCL3; chemokine (C-C motif) ligand 3; MIP1A; SCYA3; G0S19-1; LD78ALPHA; MIP-1-alpha; C-C motif chemokine 3; SIS-beta; PAT 464.1; G0/G1 switch regulatory protein 19-1; macrophage inflammatory protein 1-alpha; tonsillar lymphocyte LD78 alpha protein; small |
| Entrez Gene ID | 6348 |
| Protein Refseq | NP_002974 |
| UniProt ID | A0N0R1 |
| Chromosome Location | 17q12 |
| Pathway | Chagas disease (American trypanosomiasis); Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; GPCR ligand binding; IL12-mediated signaling events; Peptide ligand- |
| Function | CCR1 chemokine receptor binding; CCR5 chemokine receptor binding; calcium-dependent protein kinase C activity; chemoattractant activity; chemokine activity; identical protein binding; kinase activity; phospholipase activator activity; protein binding; pro |