

Product datasheet for **AP01117BT-S**

MCP4 (CCL13) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA: Direct: To detect hMCP-4 by direct ELISA (using 100 µl/well antibody solution) a concentration of 0.25 - 1.0 µg/ml is required. In conjunction with compatible secondary reagents, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMCP-4. Sandwich: To detect hMCP-4 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25 - 1.0 µg/ml is required. In conjunction with Polyclonal Anti-Human MCP-4 as a capture antibody, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMCP-4. Western Blot: To detect hMCP-4 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMCP-4 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant human MCP-4
Specificity:	This antibody detects MCP-4.
Formulation:	PBS, pH 7.2 Label: Biotin State: Sterile filtered lyophilized Ig fraction
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile PBS containing 0.1 % BSA to a concentration of 0.1 - 1.0 mg/ml.
Purification:	Affinity chromatography
Conjugation:	Biotin
Storage:	Store the lyophilized antibody at -20 °C. Following reconstitution it is stable for two weeks at 2 - 8 °C. Frozen aliquots are stable for 6 months when stored at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



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Gene Name: C-C motif chemokine ligand 13

Database Link: [Entrez Gene 6357 Human Q99616](#)

Background: Human macrophage/monocyte chemotactic protein 4 (MCP4) is a member of the b-chemokine family (C-C) of Cytokines. Like Eotaxin, MCP4 is a powerful eosinophil chemo-attractant. Additionally, like MCP3, MCP4 elicits chemo-attraction of monocytes and T lymphocytes.

Synonyms: C-C motif chemokine 13, CCL13, MCP4, NCC1, SCYA13, CK-beta-10, NCC-1, Monocyte chemotactic protein 4