

## Product datasheet for **AP01117PU-S**

### MCP4 (CCL13) Goat Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, FN, WB
<b>Recommended Dilution:</b>	<p>ELISA: Indirect: To detect hMCP-4 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 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.</p> <p>Sandwich: To detect hMCP-4 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml is required. This In conjunction with Biotinylated Anti-Human MCP-4 as a detection antibody, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMCP-4.</p> <p>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.</p> <p>Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hMCP-4 (100 ng/ml), a concentration of 8 - 12 µg/ml of this antibody is required.</p>
<b>Reactivity:</b>	Human
<b>Host:</b>	Goat
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Highly pure (> 98 %) recombinant human MCP-4
<b>Specificity:</b>	This antibody detects Macrophage Chemotactic Protein-4.
<b>Formulation:</b>	PBS, pH 7.2 State: Aff - Purified State: Sterile filtered lyophilized Ig fraction
<b>Reconstitution Method:</b>	Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1 - 1.0 mg/ml.
<b>Purification:</b>	Immunoaffinity chromatography
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	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.



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<b>Stability:</b>	Shelf life: One year from despatch.
<b>Gene Name:</b>	C-C motif chemokine ligand 13
<b>Database Link:</b>	<a href="#">Entrez Gene 6357 Human Q99616</a>
<b>Background:</b>	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.
<b>Synonyms:</b>	C-C motif chemokine 13, CCL13, MCP4, NCC1, SCYA13, CK-beta-10, NCC-1, Monocyte chemotactic protein 4