

Product datasheet for **PP1044B1**

MCP1 (CCL2) Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA, WB |
| Recommended Dilution: | ELISA: To detect hMCP-1(MCAF) by direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 µg/ml. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hMCP-1(MCAF). Western Blot: To detect hMCP-1(MCAF) 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-1(MCAF) is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Highly pure (>98%) recombinant hMCP-1/MCAF (human Macrophage/Monocyte chemotactic protein-1). |
| Specificity: | Human Macrophage Chemotactic Protein-1 (MCP-1) (MCAF) |
| Formulation: | PBS, pH 7.2 without preservatives. Label: Biotin State: Lyophilized purified Ig fraction. Label: conjugated |
| Reconstitution Method: | Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 µg/ml. |
| Purification: | Affinity chromatography. |
| Conjugation: | Biotin |
| Storage: | Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: One year from despatch. |
| Gene Name: | C-C motif chemokine ligand 2 |



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Database Link: [Entrez Gene 6347 Human P13500](#)

Background: This chemotactic factor attracts monocytes and basophils but not neutrophils or eosinophils and augments monocyte anti-tumor activity. It has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis or atherosclerosis. It may be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis.

Synonyms: C-C motif chemokine 2, SCYA2, MCAF, Small-inducible cytokine A2, MCP-1, HC11, HC-11

Note: Centrifuge vial prior to opening!