

## Product datasheet for **PP1044B2**

### MCP1 (CCL2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>Direct ELISA:</b> To detect Human MCAF/MCP-1 by Direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of 0.25-1.0 µg/ml. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant Human MCAF/MCP-1. <b>Sandwich ELISA:</b> To detect Human MCAF/MCP-1 by Sandwich ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of 0.25-1.0 µg/ml. Used in conjunction with Anti-Human MCAF/MCP-1 antibody ( <i>Cat.-No</i> PP1044P1 or PP1044P2), as a Capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human MCP-1/MCAF. <b>Western Blot:</b> To detect Human MCAF/MCP-1 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 Human MCAF/MCP-1 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (> 98%) E.coli derived recombinant Human MCP1 / CCL2 ( <i>Cat.-No</i> PA098).
Specificity:	This antibody recognizes 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 mg/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.



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**Stability:** Shelf life: One year from despatch.

**Gene Name:** C-C motif chemokine ligand 2

**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!

**Product images:**

