

Product datasheet for **PM1215P**

MCP4 (CCL13) Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human MCP-4 (100 ng/ml), a concentration of 0.8-1.0 µg/ml of this antibody is required. ELISA: In a sandwich ELISA (assuming 100µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 100 pg/ml of recombinant human MCP-4 when used with Biotin anti-human MCP-4 antibody (cat. AP01117BT) as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml. Western Blot: To detect Human MCP-4 by Western Blot analysis this antibody can be used at a concentration of 0.20-0.40 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMCP-4 is 2.0-4.0 ng/lane, under non-reducing conditions.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Highly pure (>98%) recombinant Human MCP-4
Specificity:	Recognises Human MCP-4.
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
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 13



[View online »](#)

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