

Product datasheet for **PM1007A**

MCP3 (CCL7) 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-3 (100 ng/ml), a concentration of 1-3 µg/ml of this antibody is required. ELISA: In a Sandwich ELISA (assuming 100 µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect recombinant Human MCP-3 when used with Biotin conjugated anti-Human MCP-3 antibody (cat. PP1046B) as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml. Western Blot: To detect Human MCP-3 by Western Blot analysis this antibody can be used at a concentration of 0.5-1.0 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human MCP-3 is 2.0-4.0 ng/lane, under reducing conditions and 0.25-0.50 ng/lane, under non-reducing conditions.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human MCP-3.
Specificity:	Recognizes Human Macrophage Chemotactic Protein-3 (MCP-3)
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized (sterile filtered) 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 7



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Database Link: [Entrez Gene 6354 Human P80098](#)

Background: This is a secreted chemokine which attracts macrophages during inflammation and metastasis. It is a member of the C-C subfamily of chemokines which are characterized by having two adjacent cysteine residues. The protein is an in vivo substrate of matrix metalloproteinase 2, an enzyme which degrades components of the extracellular matrix.

Synonyms: Small-inducible cytokine A7, CCL-7, MCP-3, C-C motif chemokine 7, SCYA6, SCYA7, NC28