

Product datasheet for **SM2153A**

MCP3 (CCL7) Mouse Monoclonal Antibody [Clone ID: h.mcp.3]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | h.mcp.3 |
| Applications: | ELISA, FN |
| Recommended Dilution: | ELISA: 1/1000. Functional Assays: 1/1000. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Recombinant human MCP-3 (Macrophage Chemoattractant Protein-3) Spleen cells from immunised C3H/HeJ mice were fused with cells of a mouse myeloma cell line. |
| Specificity: | This antibody specifically recognises MCP-3, also known as CCL7. No cross reactivity is observed with MCP-1, MCP-2 or other structurally related chemokines. |
| Formulation: | PBS, pH7.2 State: Azide Free State: Lyophilized purified IgG |
| Reconstitution Method: | Restore with 0.5 ml distilled water. Note: Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently vortexed after reconstitution and microcentrifuged before use. |
| Concentration: | lot specific |
| Purification: | Affinity chromatography on Protein A |
| Conjugation: | Unconjugated |
| Storage: | Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody at -20°C. 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