

Product datasheet for **DM2037**

MCP3 (CCL7) Mouse Monoclonal Antibody [Clone ID: 490]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | 490 |
| Applications: | ELISA, WB |
| Recommended Dilution: | ELISA. Western Blot: An antibody concentration of 0.5-2 µg/mL will allow visualization of 0.1 µg/lane of human MCP-3. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Recombinant human MCP-3 (M.W. 8.5 kDa containing 76 amino acids residues) |
| Specificity: | Reactive with natural and recombinant human MCP-3. Does not show any cross reaction with other Human Cytokines or growth factors tested such as IL1 beta, IL-8, MCAF, SAA and EGF |
| Formulation: | 0.01M PBS, pH 7.2 without preservatives. State: Purified State: Lyophilized purified IgG fraction. |
| Reconstitution Method: | Restore with double distilled water to adjust the final concentration to 1.00 mg/ml |
| Purification: | Affinity Chromatography on Protein G. |
| Conjugation: | Unconjugated |
| Storage: | 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 |
| Database Link: | Entrez Gene 6354 Human P80098 |



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Background: MCP3/CCL7 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