

Product datasheet for **DM2035BT**

MCP3 (CCL7) Mouse Monoclonal Antibody [Clone ID: 113]

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | 113 |
| Applications: | ELISA |
| Recommended Dilution: | ELISA: This MCP3 antibody Biotin-conjugated can be used as a Tracer/Detection Antibody in Sandwich ELISA applications for human MCP-3 detection in combination with a Capture antibody Clone 542 (Cat.-No DM2039) <i>Suggested Capture Coating Dose: 3 µg/well</i> <i>Substrate: TMB</i> |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Purified Recombinant Human Monocyte Chemotactic Protein-3 (MCP-3). |
| 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 7.0 ± 0.1 Label: Biotin State: Liquid purified IgG fraction Stabilizer: 1% Gelatin Preservative: 0.1% Proclin-300 |
| Purification: | Affinity Chromatography on Protein G |
| Conjugation: | Biotin |
| 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 |



[View online »](#)

| | |
|--------------------------|---|
| Database Link: | Entrez Gene 6354 Human P80098 |
| Background: | Macrophage/monocyte chemotactic protein-3 (MCP-3), like other two closely related chemokines (MCP1 and MCP-2), is chemotactic to monocytes, but not to neutrophils. MCP-3 showed 78% sequence homology with MCP-1 and 58% sequence homology with MCP-2. The primary receptor for MCP-3 is D6. MCP-3 also competes with MCP-1 to bind to CCR10, and competes with Rantes and MIP-1 α to bind to CCR1. MCP-3 stimulates macrophage to secrete proteases. A variety of cancer cell lines express MCP-3, suggesting a role in tumor invasion and metastasia. |
| Synonyms: | Small-inducible cytokine A7, CCL-7, MCP-3, C-C motif chemokine 7, SCYA6, SCYA7, NC28 |
| Protein Families: | Druggable Genome, Secreted Protein |
| Protein Pathways: | Chemokine signaling pathway, Cytokine-cytokine receptor interaction, NOD-like receptor signaling pathway |