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Mouse Anti-Human MCP-3 Monoclonal Antibody Datasheet

Product Name: mAb anti-human MCP-3	Clone No.: 113
Catalogue No.: MO-C40088A	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody to human macrophage/monocyte chemotactic protein-3 (MCP-3)	Storage: Store at -20°C
Purification: Protein G affinity purified	Research Area: Cytokine, chemotaxis.
Product Type: Primary antibody- Detection antibody	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.
Target Protein: Human MCP-3	
Immunogen: Recombinant human MCP-3 (M.W. 8.5kDa containing 76 amino acids residues)	
Fusion Myeloma: Sp2/0-Ag14	
Specificity: Reactive with natural and recombinant human MCP-3	MCP-3 stimulates macrophage to secrete proteases. A variety of cancer cell lines express MCP-3, suggesting a role in tumor invasion and metastasia.
Species Reactivity: Human, others not tested	
Cross-Reactivity: Does not show any cross reaction with other human cytokines or growth factors tested such as IL-1 β , IL-8, MCAF, SAA and EGF.	Applications
Host / Isotype: Mouse, IgG1 Kappa	ELISA: This antibody matches with capture antibody clone 542 (MO-C40088G) in sandwich ELISA.
Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2	Western Blot: This antibody, when used at concentration of 1-4 μ g/mL will allow visualization of 0.1 μ g/lane of human MCP-3
Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.	References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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