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## Product Datasheet

### Anti-Human MCP-1 Antibody, Mouse, Monoclonal ABT-ABG10356-U500

Article Name	Anti-Human MCP-1 Antibody, Mouse, Monoclonal
Biozol Catalog Number	ABT-ABG10356-U500
Supplier Catalog Number	ABG10356-U500
Alternative Catalog Number	ABT-ABG10356-U500-500UG
Manufacturer	Abcepta
Host	Mouse
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Clonality	Monoclonal
Purity	Produced in BALB/c x ICR F1 mice using highly pure (>98%) recombinant human MCP-1/MCAF as the immunizing antigen. This IgG1K antibody was purified from ascites fluid by Protein A affinity chromatography.
Form	A sterile filtered antibody solution was lyophilized from PBS.
Antibody Type	Monoclonal Antibody

Application Notes

WesternBlot: To detect hMCP-1 by Western Blot analysis this antibody can be used at a concentration of 0.20-0.40 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMCP-1 is 1.0-2.0 ng/lane, under reducing or non-reducing conditions.. Sandwich: In a sandwich ELISA (assuming 100µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 300 pg/ml of recombinant human MCP-1 when used with BioGems biotinylated antigen affinity purified anti-human MCP-1 (60-212BT) as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml.. Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 10.0 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary. Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.<br /> <br /> <span style=font-size: 10px,>\*Additional Immunostaining data available. Please contact Tech Support for information..</span><br /> Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.