

Product Datasheet

MCP-1 Antibody [2.2-4H5-01A11] (orb1272246)

Catalog Number	orb1272246
Description	MCP-1 Antibody [2.2-4H5-01A11]
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, WB
Immunogen	The monoclonal antibody was produced in BALB/c X ICR F1 mice using recombinant hMCP-1/MCAF as the immunizing antigen.
Target	CCL2
Form/Appearance	Lyophilized
Concentration	batch dependent
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	ELISA: In a sandwich ELISA (assuming 100 µL/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 our biotinylated antigen affinity purified anti-human MCP-1 (XP-5218Bt) as the detection antibody at a concentration of approximately 0.5-1.0 µg/mL. Western Blot: 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.
Clonality	Monoclonal
Clone Number	2.2-4H5-01A11

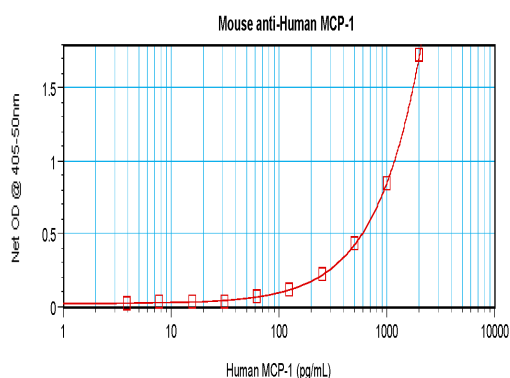
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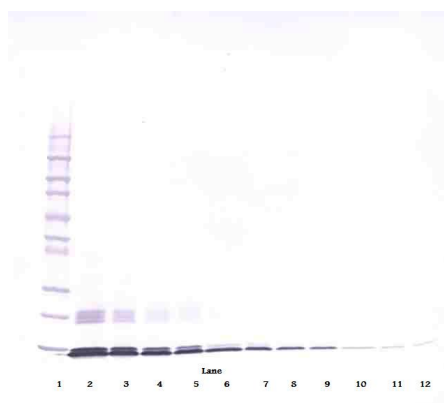
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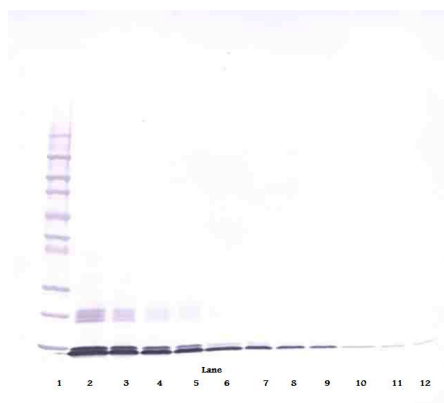
Antibody Type	Primary Antibody
Uniprot ID	P13500
NCBI	P13500
Expiration Date	12 months from date of receipt.



To a sandwich ELISA (assuming 100ul/well), a concentration of 2.0-4.0 ug/ml of this antibody will detect at least 300 pg/ml of recombinant human MCP-1 when used with antigen affinity purified anti-human MCP-1 (orb1272403) as the detection antibody at a concentration of approximately 0.5-1.0 ug/ml.



To detect hMCP-1 by Western Blot analysis this antibody can be used at a concentration of 0.20-0.40 ug/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.



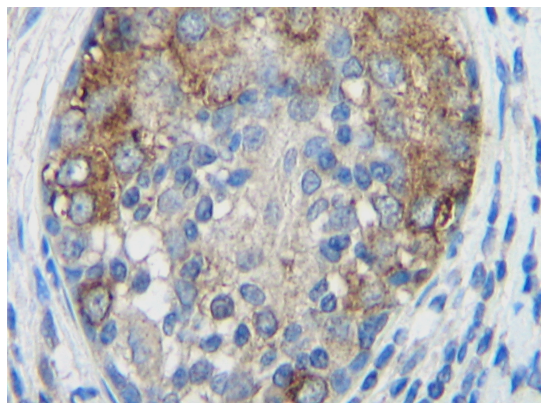
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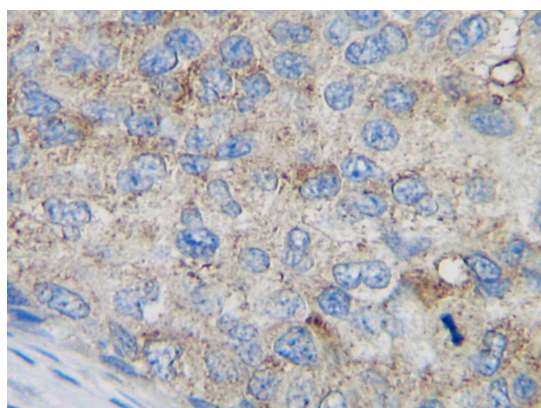
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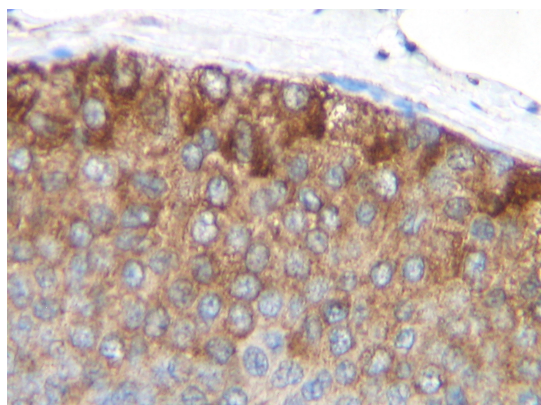
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This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 10.0 ug/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary.



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