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Product Datasheet

MCP-4 Antibody [G7_89.3], Unconjugated, Mouse, Monoclonal PRS-XP-5731-M

Article Name	MCP-4 Antibody [G7_89.3], Unconjugated, Mouse, Monoclonal
Biozol Catalog Number	PRS-XP-5731-M
Supplier Catalog Number	XP-5731-M
Alternative Catalog Number	PRS-XP-5731-M-0.5
Manufacturer	ProSci
Host	Mouse
Category	Antikörper
Application	ELISA, NeA, WB
Species Reactivity	Human
Immunogen	The monoclonal antibody was produced in BALB/c mice using recombinant human MCP-4 as the immunizing antigen.
Conjugation	Unconjugated
Clonality	Monoclonal
Concentration	batch dependent
Clone Designation	[G7_89.3]
NCBI	6357
UniProt	Q99616
Form	Lyophilized
Application Dilute	Centrifuge vial prior to opening.

Application Notes

Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of rMCP-4 (100 ng/mL), a concentration of 1-5 µg/mL of this antibody is required. 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 100 pg/mL of recombinant human MCP-4 when used with our biotinylated antigen affinity purified anti-human MCP-4 (XP-5225Bt) as the detection antibody at a concentration of approximately 0.5-1.0 µg/mL. Western Blot: To detect hMCP-4 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-4 is 2.0-4.0 ng/lane, under non-reducing conditions.