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Product Datasheet

MCP-2 Antibody [1.1_2D4-1A3], Unconjugated, Mouse, Monoclonal PRS-XP-5730-M

Article Name	MCP-2 Antibody [1.1_2D4-1A3], Unconjugated, Mouse, Monoclonal
Biozol Catalog Number	PRS-XP-5730-M
Supplier Catalog Number	XP-5730-M
Alternative Catalog Number	PRS-XP-5730-M-0.5
Manufacturer	ProSci
Host	Mouse
Category	Antikörper
Application	ELISA, NeA, WB
Species Reactivity	Human
Immunogen	The monoclonal antibody was derived from BALB/c X ICR F1 mice and belongs to the IgG1K isotype.
Conjugation	Unconjugated
Clonality	Monoclonal
Concentration	batch dependent
Clone Designation	[1.1_2D4-1A3]
NCBI	6355
UniProt	P80075
Form	Lyophilized
Application Dilute	Centrifuge vial prior to opening.

Application Notes

Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hMCP-2 (100 ng/mL), a concentration of 0.8-1.0 µg/mL of this antibody is required. ELISA: In a sandwich ELISA (assuming 100 µL/well), a concentration of 1.0-2.0 µg/mL of this antibody will detect at least 100 pg/mL of recombinant human MCP-2 when used with our biotinylated antigen affinity purified anti-human MCP-2 (XP-5224Bt) as the detection antibody at a concentration of approximately 0.5-1.0 µg/mL. Western Blot: To detect hMCP-2 by Western Blot analysis this antibody can be used at a concentration of 0.25-0.50 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMCP-2 is 0.25-0.50 ng/lane, under non-reducing conditions.