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Product Datasheet

IL-7 Antibody [NYR-hi7], Unconjugated, Mouse, Monoclonal PRS-XP-5705-M

Article Name	IL-7 Antibody [NYR-hi7], Unconjugated, Mouse, Monoclonal
Biozol Catalog Number	PRS-XP-5705-M
Supplier Catalog Number	XP-5705-M
Alternative Catalog Number	PRS-XP-5705-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 x C57BL/6 F1 mice using recombinant hIL-7 as the immunizing antigen.
Conjugation	Unconjugated
Clonality	Monoclonal
Concentration	batch dependent
Clone Designation	[NYR-hi7]
NCBI	3574
UniProt	P13232
Form	Lyophilized
Application Dilute	Centrifuge vial prior to opening.

Application Notes

Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hIL 7 (0.5 ng/mL), a concentration of 0.05-0.08 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 1000 pg/mL of recombinant human IL-7 when used with our biotinylated antigen affinity purified anti-human IL-7 (XP-5197Bt) as the detection antibody at a concentration of approximately 0.5-1.0 µg/mL. Western Blot:To detect hIL-7 by Western Blot analysis this antibody can be used at a concentration of 1.0-2.0 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-7 is 2.0-4.0 ng/lane, under reducing conditions and 0.25-0.50 ng/lane, under non-reducing conditions.