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Monoclonal Antibody to Mouse α Interferon (Purified)

Code No. : 7890
Quantity: 500 μ L (1 mg)
Clone 4E-A1
Quality: ACI rat IgG1 (Purified by Protein G chromatography.)
Solution: 2 mg/mL IgG, PBS, pH 7.4
Character:

	Reactivity	
to Mouse IFN	α (α 1, α 2, α A)	+
	β	-
	γ	-
Human IFN		-

Example: Plate 3×10^4 cells/100 μ L of L cells in MEM containing 10% calf serum to a well of a micro plate.

Incubate at 37 °C for 24 hours.

Add 50 μ L of diluted 7890 and 50 μ L of mouse IFN- α in MEM.

Incubate at 37 °C for 24 hours.

Remove the culture medium.

Add 100 μ L of VSV in MEM.

Incubate at 37 °C for 24 hours.

Remove the culture medium.

Add 50 μ L of 0.05% crystal violet, 10% formalin, 10% ethanol.

Remove the culture medium.

Wash with tap water.

Dry the plate.

Score the CPE.

*At a concentration of 3.3 μ g/mL, this antibody neutralizes 10 U/mL of mouse IFN- α to 1 U/mL.

Storage: The solution should be stored below -20 °C.

Repeated freezing and thawing should be avoided.

No preservative substance is used in this product.

Note: Research use only.

Reference: Kawade, Y. J. Interferon Res. 1, 61-70 (1980)