



**Monoclonal Antibody to Mouse  $\alpha$  Interferon (Purified)**

**Code No.:** 7890  
**Quantity:** 500 $\mu$ l(1mg)  
**Price:** ¥50,000  
**Clone** 4E-A1  
**Quality:** ACI rat IgG1 (purified by Protein G chromatography)  
**Solution:** PBS, pH 7.4

**Character:**

		Reactivity	
to	Mouse IFN	$\alpha$ ( $\alpha$ 1, $\alpha$ 2, $\alpha$ A )	+
		$\beta$	-
		$\gamma$	-
	Human IFN		-

**Example:** Plate  $3 \times 10^4$  cells/100  $\mu$ 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  $\mu$ l of diluted 7890 and 50  $\mu$ l of mouse IFN- $\alpha$  in MEM.  
Incubate at 37°C for 24 hours.  
Remove the culture medium.  
Add 100  $\mu$ l of VSV in MEM.  
Incubate at 37°C for 24 hours.  
Remove the culture medium.  
Add 50  $\mu$ 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 $\mu$ g/ml, this antibody neutralizes 10 U/ml of mouse IFN- $\alpha$  to 1 U/ml.

**Storage:** The solution should be stored below -20°C.  
Repeated freezing and thawing should be avoided.

**Note:** Research use only.

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