

**Monoclonal Antibody to Human  $\beta$  Interferon (Purified)**

**Code No.:** 7889  
**Quantity:** 500 $\mu$ l (1mg)  
**Price:** ¥50,000  
**Clone:** B-02  
**Quality:** BALB/c IgG1 $\kappa$  (purified by Protein A chromatography)  
**Solution:** PBS, pH 7.4

**Character:**

to Human IFN $\beta$	Reactivity	
	(Fibroblast)	++
	(Recombinant)	+
	$\alpha$	-
	$\gamma$	-

**Example:** Plate  $3 \times 10^4$  cells/100  $\mu$ l of FL 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 7889 and 50  $\mu$ l/10 units of human fibroblast IFN- $\beta$  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 1.3 $\mu$ g/ml, this antibody neutralizes 10 U/ml of Human IFN- $\beta$  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)