

Rat Anti-Mouse Interferon Beta, Clone RMMB -1 Neutralizing Monoclonal Antibody

Catalog No:	CM2049
Size:	250 µg in 0.1 ml
Description:	Rat Anti-Mouse Interferon Beta, neutralizing
Clone:	RMMB-1
Concentration:	2.5 mg/ml
Buffer:	Phosphate buffered saline (PBS) containing 0.1% bovine serum albumin (BSA)
Antigen:	Mouse interferon beta
Isotype:	IgG ₁
Bioactivity:	Weakly neutralizes mouse interferon beta; binds to mouse interferon beta

Assay Used to Measure Bioactivity:

One neutralization unit is the amount of antiserum required to neutralize one unit of mouse interferon beta (Mu-IFN-β) to a 50% endpoint. Interferon was titrated with the use of the cytopathic effect inhibition assay as described [Rubinstein, S., Familletti, P.C., and Pestka, S. (1981) "Convenient Assay for Interferons," *J. Virol.* **37**, 755-758; Familletti, P.C., Rubinstein, S., and Pestka, S. (1981) "A Convenient and Rapid Cytopathic Effect Inhibition Assay for Interferon," in *Methods in Enzymology*, Vol. 78 (S. Pestka, ed.), Academic Press, New York, 387-394]. In this antiviral assay for interferon about 1 unit/ml of interferon is the quantity necessary to produce a cytopathic effect of 50%. The units are determined with respect to the international reference standard for Mu-IFN-β provided by the National Institutes of Health [see Pestka, S. (1986) "Interferon Standards and General Abbreviations," in *Methods in Enzymology* (S. Pestka, ed.), Academic Press, New York **119**, 14-23]. This material is prepared specifically for effective neutralization of Mu-IFN- β.

Usage: ELISA

Special Conditions/Comments:

After receipt, this product should be kept at -20°C or below for retention of full activity. When thawing, the contents of the tube should be apportioned in separate tubes so that freezing and thawing is kept to a minimum.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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