

RAT MONOCLONAL ANTIBODY AGAINST MOUSE INTERFERON ALPHA (RMMA -1)

Product Number: **22100-1**

Size: **250 µg**



Product Information

Description: Rat Anti-Mouse Interferon Alpha, neutralizing

Clone: RMMA-1

Quantity Shipped: 1 vial of 250 µg in 0.275 ml

Concentration: 0.91 mg/ml

Buffer: 0.2M NaHCO₃ / 0.3M NaCl

Antigen: mouse interferon alpha

Isotype: IgG₁

Bioactivity: neutralizes mouse interferon alpha; binds to mouse interferon alpha

Assay Used to Measure Bioactivity: One neutralization unit is the amount of antiserum required to neutralize one unit of mouse interferon alpha (Mu-IFN-a) 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-a 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-a.

Usage: immunoprecipitation; ELISA (capture: 2-10 µg/ml)

Shipping Information

Shipping Temperature: Dry ice

Physical State of Product During Shipping: Frozen

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.

**This Product is for RESEARCH USE ONLY and is not for sale or use in any commercial kit.
NOT FOR DIAGNOSTIC OR THERAPEUTIC USE, OR USE IN HUMANS.**

PBL Biomedical Laboratories
Toll Free: 877-PBL-8881
Tel: 732-777-9123
Fax: 732-777-9141
Email: info@interferonsource.com