



PBL InterferonSource

RABBIT POLYCLONAL ANTIBODY AGAINST HUMAN INTERFERON GAMMA

Product Number: **31500-1**

Lot Number:

Size: **2 x 10⁴ units**

Product Information

Description: Rabbit Anti-Human Interferon Gamma

Contents: 2 x 10⁴ neutralization units / vial

Volume: 0.1 ml

Bioactivity: 2 x 10⁵ neutralization units/ml

Concentration: 0.174 mg/ml (estimate)

Form: neat serum diluted in phosphate buffered saline (PBS)

Antigen: recombinant human interferon gamma

Assay Used to Measure Bioactivity: One neutralization unit is the amount of antiserum required to neutralize one unit of human interferon gamma (Hu-IFN- γ) 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 Hu-IFN- γ 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 Hu-IFN- γ .

Suggested Applications: Western blot; immunoprecipitation; immunohistochemistry; ELISA

Please note that these applications are presented for suggested use only and have not been fully evaluated by PBL.

Shipping Information

Shipping Conditions: 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.**

v.1.2

your total interferon source

131 Ethel Road West, Suite 6 • Piscataway, NJ 08854 USA • Telephone: 732.777.9123 • Facsimile: 732.777.9141
Toll Free: 877.PBL.8881 • email: info@interferonsource.com