

# MOUSE MONOCLONAL ANTIBODY AGAINST HUMAN INTERFERON ALPHA (MMHA-14)

Product Number: **21129-1**

Size: **50 mg**



## Product Information

*Description:* Mouse Anti-Human Interferon Alpha

*Clone:* MMHA-14

*Lot Number:* #

*Quantity Shipped:* 1 vial of 50 µg

*Concentration:* 1.0 mg/ml

*Buffer:* phosphate buffered saline (PBS) containing 0.1% bovine serum albumin (BSA)

*Antigen:* recombinant human interferon alpha D

*Isotype:* IgG<sub>1</sub> κ

*Bioactivity:* binds to and neutralizes human interferon alpha

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

*Usage:* Western blot; immunoprecipitation; immunohistochemistry; ELISA

## Shipping & Storage Information

*Date Shipped:*

*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.**

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