



# PBL InterferonSource

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

Product Number: 21129-1

Size: 50 µg

### Product Information

*Description:* Mouse Anti-Human Interferon Alpha

*Clone:* MMHA-14

*Contents:* 50 µg / vial

*Volume:* 0.1 ml

*Concentration:* 0.5 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].

*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

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