

MOUSE MONOCLONAL ANTIBODY AGAINST HUMAN INTERFERON BETA (MMHB-13)

Product Number: **21455-1**

Lot Number:

Size: **50 µg**

Description: Mouse Anti-Human Interferon Beta

Clone: MMHB-13

Volume: ml

Concentration: mg/ml

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

Antigen: human interferon beta

Isotype: IgG₃

Bioactivity: binds to human interferon beta with high affinity.

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.

Due to the variation in ND₅₀ values based on cell type and assay system, we recommend each user determine the neutralizing concentration of this antibody lot in their assay system. In an A549/EMCV (cell/virus) assay system, the antibody does not neutralize the cytopathic inhibitory effect of human interferon beta 1a, mammalian.

Tested Application: Direct Binding ELISA

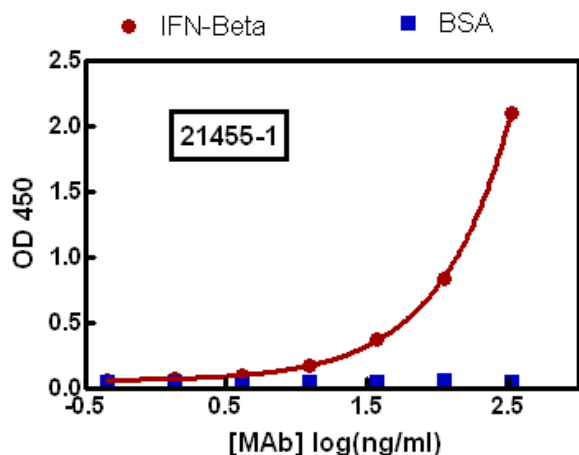


Figure 1: Representative binding curve of antibody to mammalian expressed human interferon beta 1a (circle) and to 0.1% BSA/PBS (square) in a Direct Binding ELISA. Medium-binding polystyrene plates were coated with either 1 µg/ml human interferon beta 1a or 0.1%BSA/PBS. Thereafter, titrations of the product were added to the wells. Donkey anti-mouse IgG conjugated to HRP was used as the detection antibody. Colorimetric detection was performed using 3, 3', 5, 5'-Tetramethylbenzidine (TMB) substrate. The HRP-TMB reaction was stopped using a diluted H₂SO₄/HCL solution.

Note: PBL has not tested the use of this product in western blot, flow cytometry, immunoprecipitation and immunohistochemistry



promising results

GTCTCTTACC CGGATGTTCA ACCAAAAG ACTTACTACC TTTATTTTAT GTTTACTTTT TATAGATGGT CTTTTTATC
TCGCTACTGC CCGTCAACAA ACACTAAA AAAAAAGTGA AATACTACTA CATCAAAACG CATATTCCCT AGAAAAAAA

Shipping Conditions: Dry ice

Physical State of Product During Shipping: Frozen

Authorization

Released by: _____

Date:

Sold under license from Pestka Biomedical Laboratories, Inc. d/b/a PBL InterferonSource. For research use only. Not for diagnostic or clinical use in, or administration to, humans. Not for resale in original or any modified form, including inclusion in a kit, for any purpose. Not for use in the preparation of any commercial product.

Rev.02

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