



MOUSE MONOCLONAL ANTIBODY AGAINST HUMAN INTERFERON BETA (MMHB-15)

Product Number: **21465-1**

Lot Number:

Size: **50 µg**

Description: Mouse Anti-Human Interferon Beta, neutralizing

Clone: MMHB-15

Volume: ml

Concentration: mg/ml

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

Antigen: human interferon beta

Isotype: IgG_{2b} κ

Bioactivity: binds to human interferon beta with high affinity. The ND₅₀ for this antibody on human (A549/EMCV) cells is ~27-66 µg/ml in the presence of 96 pg/ml of recombinant human interferon beta 1a, mammalian.

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.

Tested Application: Direct Binding ELISA

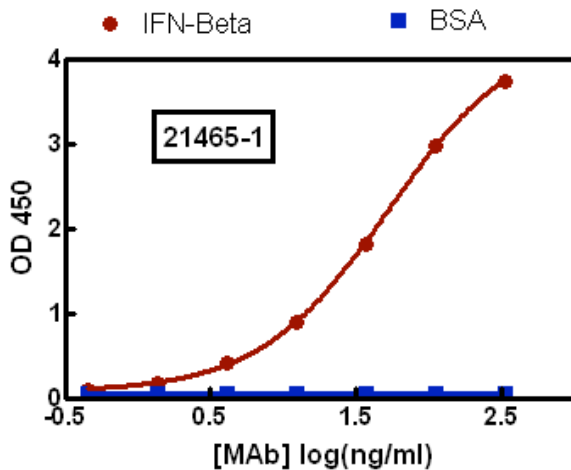


Figure 1: Representative binding curve of antibody to mammalian expressed human interferon beta 1a (circle) and to 0.1% BSA/PBS (square) in a Direct Binding ELISA. Medium-binding polystyrene plates were coated with either 1 µg/ml human interferon beta 1a or 0.1%BSA/PBS. Thereafter, titrations of the 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

Shipping Conditions: Dry ice

Physical State of Product During Shipping: Frozen



GTCTCTTACC CGGATGTTCA ACCAAAAG ACTTACTACC TTTATTTTAT GTTTACTTTT TATAGATTGT CTTTTTATC
TCCTTACTGC CGTGCAACAA ACACTAAA AAAACAGTGA AATACTACTA CATCAAAACG CATATTCCTT AGAAAAAAA

Authorization

Released by: _____

Date: _____

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