

Product Datasheet

IFN-gamma Antibody (JM10-10) NBP2-66900

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-66900

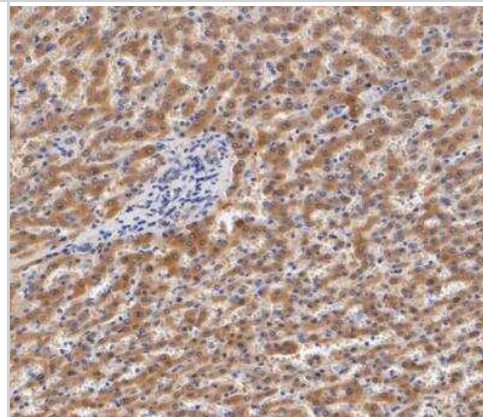
IFN-gamma Antibody (JM10-10)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM10-10
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	3458
Gene Symbol	IFNG
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within N-terminal human IFN-gamma. (SwissProt: P01579 Human; SwissProt: P01580 Mouse; SwissProt: P01581 Rat)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50-1:100
Application Notes	Use in ICC/IF reported in scientific literature (PMID:33491667).

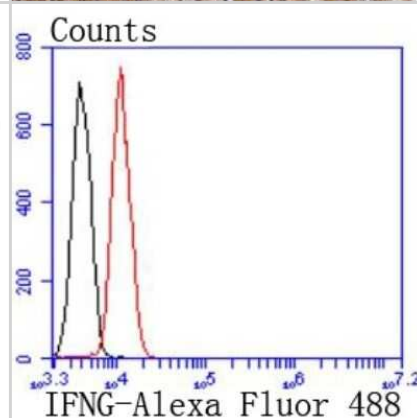


Images

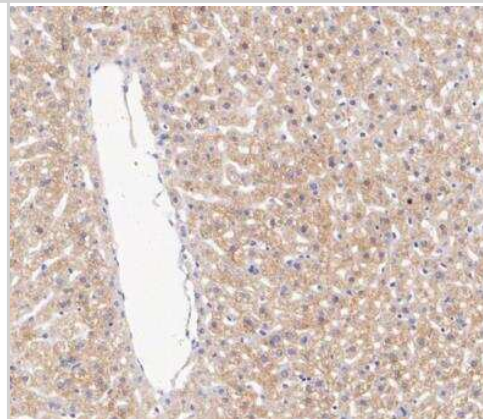
Immunohistochemistry-Paraffin: IFN-gamma Antibody (JM10-10) [NBP2-66900] - Human liver tissue using anti-Interferon gamma antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



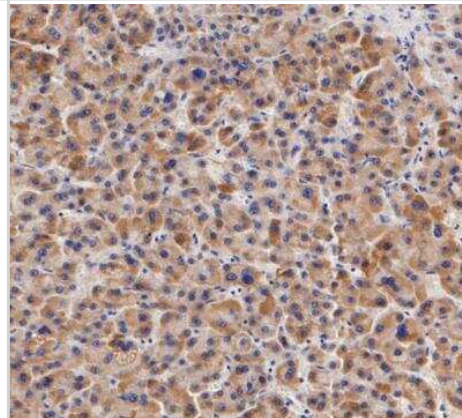
Flow Cytometry: IFN-gamma Antibody (JM10-10) [NBP2-66900] - Analysis of HeLa cells with Interferon gamma antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



Immunohistochemistry-Paraffin: IFN-gamma Antibody (JM10-10) [NBP2-66900] - Mouse liver tissue using anti-Interferon gamma antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: IFN-gamma Antibody (JM10-10) [NBP2-66900] - Human liver carcinoma tissue using anti-Interferon gamma antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Publications

Huang HC, Wang SH, Fang GC et al. Upregulation of PD-L1 by SARS-CoV-2 promotes immune evasion Journal of medical virology 2023-02-01 [PMID: 36609964] (IHC, Human)

Han SJ, Jain P, Gilad Y et al. Steroid Receptor Coactivator-3 is a Key Modulator of Regulatory T Cell-Mediated Tumor Evasion bioRxiv : the preprint server for biology 2023-03-29 [PMID: 37034717]

Han SJ, Sung N, Wang J et al. Steroid receptor coactivator-3 inhibition generates breast cancer antitumor immune microenvironment Breast cancer research : BCR 2022-10-31 [PMID: 36316775] (IHC-P, Mouse)

Details:

Dilution used in IHC 1:300

Perdigoto AL, Deng S, Du KC et al. Immune cells and their inflammatory mediators modify beta cells and cause checkpoint inhibitor-induced diabetes JCI insight 2022-08-04 [PMID: 35925682] (IHC-P, Mouse, Human)

Meng J, Peng J, Feng J Et al. Niraparib exhibits a synergistic anti-tumor effect with PD-L1 blockade by inducing an immune response in ovarian cancer Journal of translational medicine 2021-10-07 [PMID: 34620163] (IHC-P, Human)

Aftabizadeh M, Li YJ, Zhao Q, et al. Potent antitumor effects of cell-penetrating peptides targeting STAT3 axis JCI insight 2021-01-25 [PMID: 33491667] (ICC/IF)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-66900

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34992-100ug	Recombinant Human IFN-gamma Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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