

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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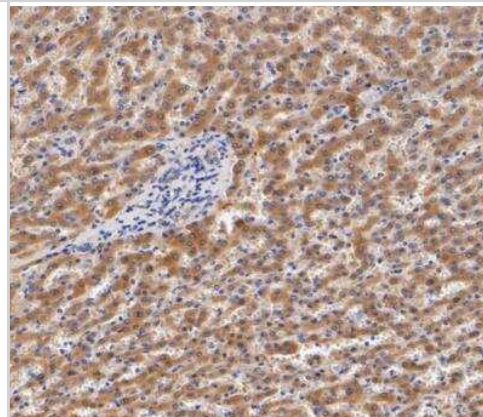
NBP2-66900

IFN-gamma Antibody (JM10-10)

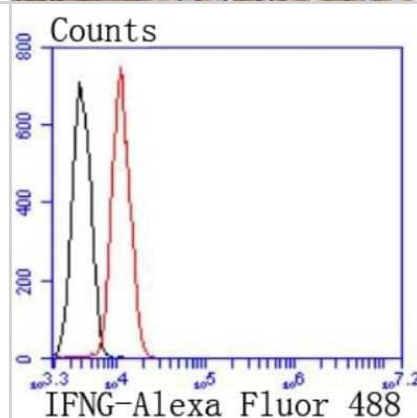
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM10-10
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit IFN-gamma Antibody (JM10-10) (NBP2-66900) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-IFN-gamma Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
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

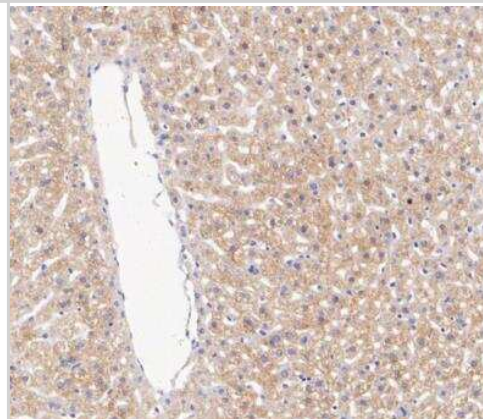
Immunohistochemistry-Paraffin: IFN-gamma Antibody (JM10-10) [NBP2-66900] - Human liver tissue using anti-Interferon gamma antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at 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.



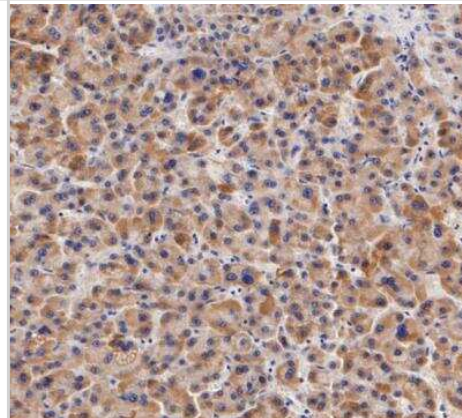
Flow Cytometry: IFN-gamma Antibody (JM10-10) [NBP2-66900] - Analysis of HeLa cells with Interferon gamma antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary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

Ji S, Wang F, Wu Y et al. Large-scale transcript variants dictate neoepitopes for cancer immunotherapy *Science advances* 2025-01-31 [PMID: 39888994]

Sun Q, Gao Y, Asan K et al. Mannose-B from *Codonopsis pilosula* modulates LAMB1 expression to enhance trophoblast function and alleviate subchorionic hematoma *Scientific Reports* 2025-08-11 [PMID: 40789880]

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] (Immunocytochemistry/ Immunofluorescence)

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)





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Products Related to NBP2-66900

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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