

Product Datasheet

IFN-alpha 1 Antibody NBP2-75930

Unit Size: 100 ul

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

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Publications: 1

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Updated 9/9/2025 v.20.1

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NBP2-75930

IFN-alpha 1 Antibody

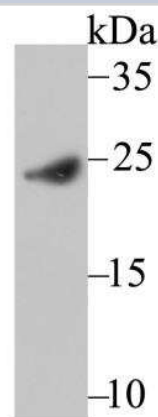
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	22 kDa

Product Description	
Description	Novus Biologicals Rabbit IFN-alpha 1 Antibody (NBP2-75930) is a polyclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-IFN-alpha 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3439
Gene Symbol	IFNA1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within mouse IFN-alpha 1 aa 140-181. (SwissProt: P01562 Human; SwissProt: P01572 Mouse; SwissProt: P05011 Rat)

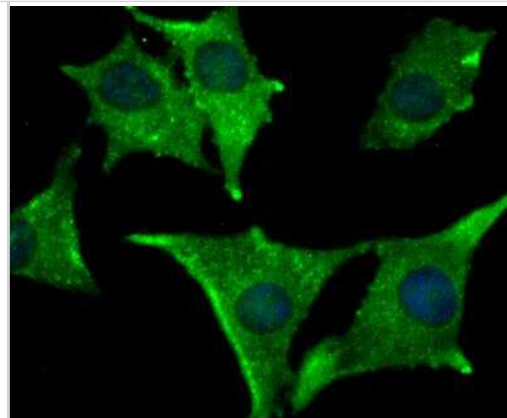
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

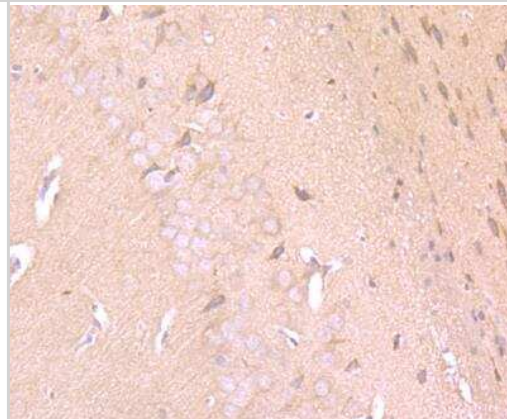
Western Blot: IFN-alpha 1 Antibody [NBP2-75930] - analysis of IFNA1 on mouse liver tissue lysate using anti-IFNA1 antibody at 1/100 dilution.



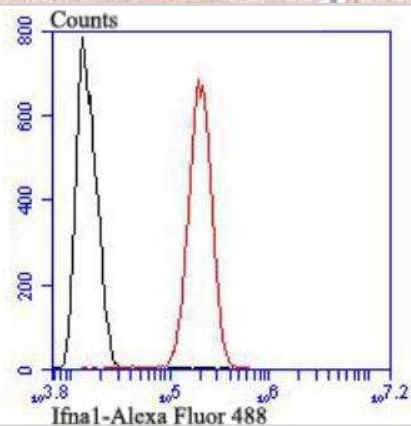
Immunocytochemistry/Immunofluorescence: IFN-alpha 1 Antibody [NBP2-75930] - staining IFNA1 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



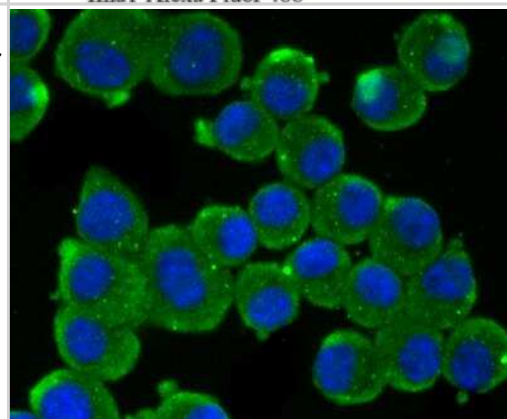
Immunohistochemistry-Paraffin: IFN-alpha 1 Antibody [NBP2-75930] - analysis of paraffin-embedded mouse brain tissue using anti-IFNA1 antibody. Counter stained with hematoxylin.



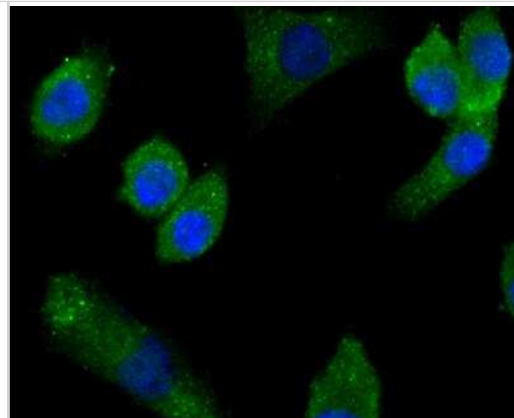
Flow Cytometry: IFN-alpha 1 Antibody [NBP2-75930] - analysis of SH-SY5Y cells with IFNA1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



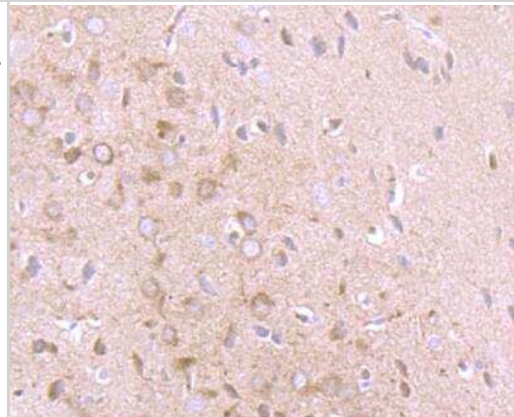
Immunocytochemistry/Immunofluorescence: IFN-alpha 1 Antibody [NBP2-75930] - staining IFNA1 in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



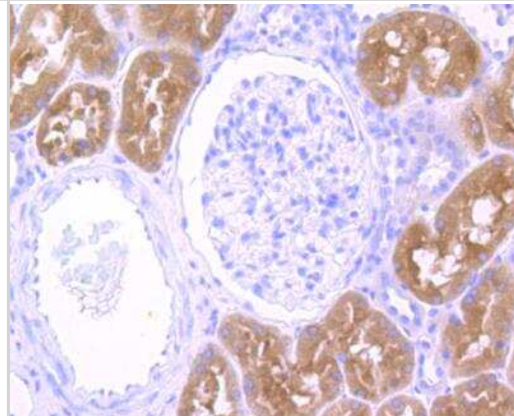
Immunocytochemistry/Immunofluorescence: IFN-alpha 1 Antibody [NBP2-75930] - staining IFNA1 in SHG-44 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



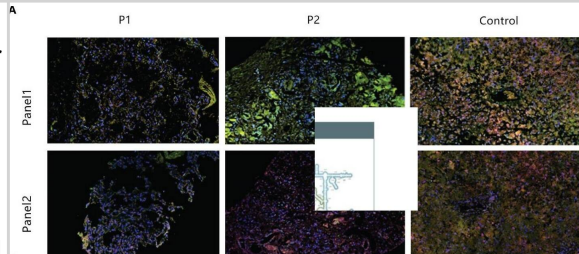
Immunohistochemistry-Paraffin: IFN-alpha 1 Antibody [NBP2-75930] - analysis of paraffin-embedded rat brain tissue using anti-IFNA1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: IFN-alpha 1 Antibody [NBP2-75930] - analysis of paraffin-embedded human kidney tissue using anti-IFNA1 antibody. Counter stained with hematoxylin.



(A) show the expression and distribution of representative multicolored immunofluorescence of IFN α , IFNRA, IP10, IRF3, IRF5, and IRF7 in liver tissue of the deceased twin and control groups. IFN α , IFNAR, and IP10 as Panel 1 (green represents IP10, yellow represents IFN α , orange represents IFNRA, pink represents CD68, and blue represents the nucleus), and IRF3, IRF5, and IRF7 as Panel 2 (green represents IRF7, yellow represents IRF5, orange represents IRF3, pink represents CD68 and blue represents the nucleus). (B) displayed statistical analysis based on (A). (C) displayed IP10 and IFN α correlation with IRF7, IRF5, IRF3, and IFNAR, respectively. N.S, no significance, * P value <0.05, ** P value <0.01, *** P value <0.001 and **** P value <0.001. Image collected and cropped by CiteAb from the following open publication (<https://www.frontiersin.org/articles/10.3389/fcimb.2024.1391824/full>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Luo W, Wang L, Chen Z et Al. Pathoimmunological analyses of fatal E11 infection in premature infants Front Cell Infect Microbiol 2024-07-24 [PMID: 39045132]



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 NBP2-75930

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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