

Product Datasheet

IFN-alpha 2 Antibody (N39) [Biotin] NBP2-54398B

Unit Size: 100 ul

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-54398B

Updated 7/16/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-54398B



NBP2-54398B

IFN-alpha 2 Antibody (N39) [Biotin]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	N39
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Biotin
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	3440
Gene Symbol	IFNA2
Species	Human
Specificity/Sensitivity	Recognizes a protein of 16-27kDa, identified as human interferon-II) (IFN-(II). Its epitope maps between aa112-148 of IFN-(II) (total aa172). This monoclonal antibody is specific for IFN-(II) and does not cross-react with IFN-(I). The site recognized by this monoclonal antibody is called site I and is responsible for the antiviral and anti-proliferative activities of IFN-(II). Epitopes of N27 and N39 monoclonal antibody are different and represent a good combination of antibodies to set up an ELISA assay for the quantitation of IFN-(II) after viral infections. The IFN- family consists of 24 or more genes or pseudo-genes. IFN-(II) is one of the two distinct families (I and II) of human IFN-. The -interferon are mainly produced by lymphocytes, monocytes, macrophages, and cell lines such as Namalwa and KG1 following induction by viruses, nucleic acids, and glucocorticoid hormones. They are involved in virus resistance on target cells, inhibition of cell proliferation, induction of cytokines and regulation of expression of MHC class I antigens.
Immunogen	Purified recombinant human IFN-alpha 2 (Uniprot: P01563)
Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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 NBP2-54398B

IC002B	Mouse IgG1 Isotype Control (11711) [Biotin]
NBP2-34971-100ug	Recombinant Human IFN-alpha 2 (alpha 2a) Protein
210-TA-005	TNF-alpha [Unconjugated]
12100-1	IFN-alpha 2 [Unconjugated]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-54398B

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

