

Product Datasheet

IFN-alpha 1 Antibody (N27)

NBP1-42171

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-42171

IFN-alpha 1 Antibody (N27)

Product Information	
Unit Size	0.1 mg
Concentration	0.1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	N27
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS
Target Molecular Weight	22 kDa
Product Description	
Host	Mouse
Gene ID	3439
Gene Symbol	IFNA1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Specificity/Sensitivity	The alpha interferons are involved in virus resistance in target cells for these viruses. They are known to block cell proliferation and to regulate MHC class I antigen expression. The IFNalpha family has pseudogenes in two families (I and II), one with a mature length of 166aa and one of 172aa. Cells producing IFNalpha are lymphocytes, monocytes, macrophages and cell lines such as Namalwa and KGI. Bioassays for IFNalpha include cytopathic effect blocking, by viruses such as VSV, SFV and BMCV, on their target cells. A number of receptors for IFNalpha are now known and seem to be expressed on most cell types. N27 is specific for INFalpha(II) and does not cross react with INFalpha(I). Source: A BALB/c mouse was immunized with E-coli derived, purified recombinant IFN-alpha 2c and spleen cells were fused with mouse myeloma cells NS1.
Immunogen	The antibody reacts with the IFN-Alpha antigen.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry-Frozen, Block/Neutralize
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunohistochemistry-Frozen 1-2 ug/ml, Block/Neutralize
Application Notes	N27 is one of many MoAbs described by Kontsek et al. (1991) directed against a site different from the two immunodominant sites called I and II. As such it is against an "atypical" site of the molecule. Peptide mapping for N27 has been done by Kontsek et al. Not recommended for IHC-paraffin sections.





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

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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