

# Product Datasheet

## IFN-alpha 2 Antibody (N39) [DyLight 755] NBP2-54398IR

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-54398IR**

IFN-alpha 2 Antibody (N39) [DyLight 755]

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	DyLight 755
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

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 antibodies 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)
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

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.





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### **Products Related to NBP2-54398IR**

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NBP1-43319IR-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 755]
NBP2-34971-100ug	Recombinant Human IFN-alpha 2 Protein
210-TA-005	TNF-alpha [Unconjugated]
12100-1	IFN-alpha 2 [Unconjugated]

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### **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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