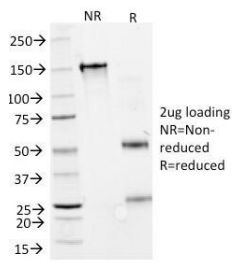
Interferon alpha 2 Antibody [clone N27] (V3360)

Catalog No.	Formulation	Size
V3360-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3360-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3360SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (2)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	N27
Purity	Protein G affinity chromatography
UniProt	P01563
Localization	Cytoplasmic, extracellular (secreted)
Applications	ELISA (order BSA/sodium Azide-free Format For Coating) :
Limitations	This Interferon alpha 2 antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free Interferon alpha 2 Antibody (clone N27). Confirmation of Integrity and Purity of the Antibody.

Description

Recognizes a protein of 16-27 kDa, identified as human Interferon alpha 2 (IFNA2). Its epitope maps between amino acids 43-53 of the IFNA2. This mAb is specific for IFNA2 and does not cross-react with IFNA1. The epitopes of clones N27 and N39 mAbs are different and represent a good combination of antibodies to set up an ELISA assay for the quantitation of IFNA2 after viral infections. The IFNA family consists of 24 or more genes or pseudo-genes. The alpha interferons 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.

Application Notes

Optimal dilution of the Interferon alpha 2 antibody should be determined by the researcher.

Immunogen

Purified recombinant human IFNA2 was used as the immunogen for the Interferon alpha 2 antibody.

Storage

Store the Interferon alpha 2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).