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36-2523: Anti-Interferon alpha-2 (IFNA2) Monoclonal Antibody(Clone: N27)

Clonality :	Monoclonal
Clone Name :	N27
Application :	ELISA,FACS,IF
Reactivity :	Human
Gene :	IFNA2
Gene ID :	3440
Uniprot ID :	P01563
Alternative Name :	Alpha 2a interferon; IFN alpha; IFN-alpha-2; IFNA; IFNA2; IFNA2B; Interferon alpha 2a; Interferon alpha 2b; Interferon alpha-2; Interferon alpha-A; LeIF2; LeIFA
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Purified recombinant human IFN-alpha2

Description

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 MAb is specific for IFN-(II) and does not cross-react with IFN-(I). The site recognized by this MAb is called site I and is responsible for the antiviral and anti-proliferative activities of IFN-(II). Epitopes of N27 and N39 MAbs 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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating, order Ab without BSA); Blocking Activity (Order Ab without Azide); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

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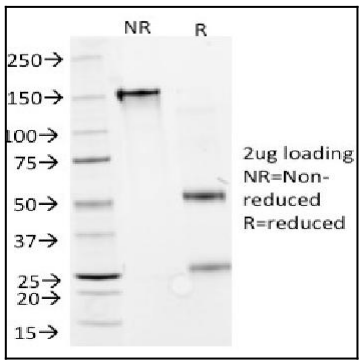

Fig. 1: SDS-PAGE Analysis Purified IFNA2 Mouse Monoclonal Antibody (N27). Confirmation of Purity and Integrity of Antibody.