



## Datasheet for ABIN6939691 anti-IFNA2 antibody



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	IFNA2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Coating (Coat), Blocking Peptide (BP), Activity Assay (AcA)

#### Product Details

Immunogen:	Purified recombinant human IFN-alpha2
Clone:	N27
Isotype:	IgG1 kappa
Specificity:	Recognizes a protein of 16-27 kDa, 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

## Product Details

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regulation of expression of MHC class I antigens.

Purification: Purified by Protein A/G

## Target Details

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Target: IFNA2

Alternative Name: IFNA2 ([IFNA2 Products](#))

Molecular Weight: 16-27kDa

Gene ID: 3440

UniProt: [P01563](#)

Pathways: [JAK-STAT Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Production of Molecular Mediator of Immune Response](#), [Hepatitis C](#)

## Application Details

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Application Notes: Positive Control: Stimulated human peripheral blood mononuclear cells.  
Known Application: ELISA (For coating, order Ab without BSA), Blocking Activity (Order Ab without Azide), Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

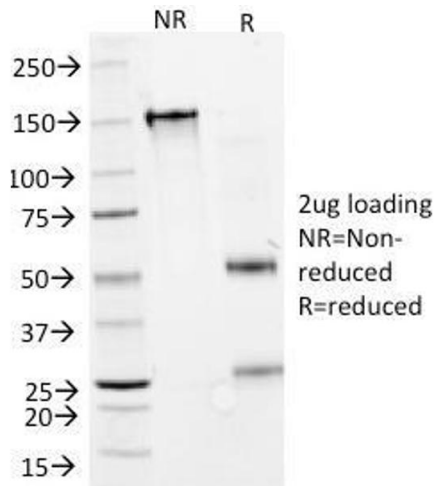
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: 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. No MSDS required.

Expiry Date: 24 months



### SDS-PAGE

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