

**Anti-Interferon alpha-2 (IFNA2) Antibody**  
**Mouse Monoclonal Antibody**  
**Catalog # AH13309****Specification**

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**Anti-Interferon alpha-2 (IFNA2) Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IF, FC, E              |
| Primary Accession | <a href="#">P01563</a> |
| Other Accession   | <a href="#">211575</a> |
| Reactivity        | Human                  |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Isotype           | Mouse / IgG1, kappa    |
| Calculated MW     | 21578                  |

**Anti-Interferon alpha-2 (IFNA2) Antibody - Additional Information****Gene ID** 3440**Other Names**

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

**Application Note**

IF~1:50~200  
FC~1:10~50  
E~N/A

**Format**

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA &amp; 0.05% azide. Also available WITHOUT BSA &amp; azide at 1.0mg/ml.

**Storage**

Store at 2 to 8°C. Antibody is stable for 24 months.

**Precautions**

Anti-Interferon alpha-2 (IFNA2) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-Interferon alpha-2 (IFNA2) Antibody - Protein Information****Name** IFNA2**Synonyms** IFNA2A, IFNA2B, IFNA2C**Function**

Produced by macrophages, IFN-alpha have antiviral activities.

**Cellular Location**

Secreted.

### **Anti-Interferon alpha-2 (IFNA2) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Anti-Interferon alpha-2 (IFNA2) Antibody - Images**

### **Anti-Interferon alpha-2 (IFNA2) Antibody - Background**

Recognizes a protein of 16-27kDa, identified as human interferon- $\alpha$ 2 (IFN- $\alpha$ 2). Its epitope maps between aa43-53 of the IFN- $\alpha$ 2 (total aa172). This MAb is specific for IFN- $\alpha$ 2 and does not cross-react with IFN- $\alpha$ 1. Epitopes of N27 and N39 MAb s are different and represent a good combination of antibodies to set up an ELISA assay for the quantitation of IFN- $\alpha$ 2 after viral infections. The IFN- $\alpha$  family consists of 24 or more genes or pseudo-genes. IFN- $\alpha$ 2 is one of the two distinct families (I and II) of human IFN- $\alpha$ . The  $\alpha$  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.