

**Interferon alpha-1 (IFNA1) Antibody - With BSA and Azide**  
**Mouse Monoclonal Antibody [Clone 2.52]**  
**Catalog # AH11499**

**Specification**

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**Interferon alpha-1 (IFNA1) Antibody - With BSA and Azide - Product Information**

Application	,3,4,
Primary Accession	<a href="#">P01562</a>
Other Accession	<a href="#">3439</a> , <a href="#">37026</a> , <a href="#">533471</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Calculated MW	16-27kDa KDa

**Interferon alpha-1 (IFNA1) Antibody - With BSA and Azide - Additional Information**

**Gene ID** 3439;3447

**Other Names**

Interferon alpha-1/13, IFN-alpha-1/13, Interferon alpha-D, LeIF D, IFNA1

**Storage**

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

**Precautions**

Interferon alpha-1 (IFNA1) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

**Interferon alpha-1 (IFNA1) Antibody - With BSA and Azide - Protein Information**

**Name** IFNA1

**Function**

Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.

**Cellular Location**

Secreted.

**Interferon alpha-1 (IFNA1) Antibody - With BSA and Azide - 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](#)

### **Interferon alpha-1 (IFNA1) Antibody - With BSA and Azide - Images**

### **Interferon alpha-1 (IFNA1) Antibody - With BSA and Azide - Background**

This MAb is specific for human interferon alpha 1 and does not cross react with human interferon alpha 2. Interferons are widely used therapeutic agents because of their anti-tumor and anti-viral effects and because of their modulatory effects on the immune system. These cytokines produce their effects by binding to the Type 1 Interferon- & Receptor (IFNAR1). Down regulation of this receptor plays a key role in determining the magnitude and duration of cytokine signaling. This down regulation is influenced by phosphorylation of Serine 535 and 539 in the IFNAR1.

### **Interferon alpha-1 (IFNA1) Antibody - With BSA and Azide - References**

Pestka S et al. Interferons and their actions. Annu Rev Biochem 1987, 56:727-777 | Sen GC et al. The interferon system. A bird's eye view of its biochemistry. J Biol Chem 1992, 267(8):5017-5020 | Capon DJ et al. Two distinct families of human and bovine interferon-alpha genes are coordinately expressed and encode functional polypeptides. Mol Cell Biol 1985, 5(4):768-779 | Kurane I et al. Induction of interferon alpha from human lymphocytes by autologous, dengue virus-infected monocytes. J Exp Med 1987, 166(4):999-1010 | Lepe-Zuniga JL et al. Production of interferon-alpha induced by dsRNA in human peripheral blood mononuclear cell cultures: role of priming by dsRNA-induced interferons-gamma and -beta. J Interferon Res 1989, 9(4):445-456 | Aman MJ et al. Interferon-alpha stimulates production of interleukin-10 in activated CD4+ T cells and monocytes. Blood 1996, 87(11):4731-473