10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Mouse Monoclonal Antibody [Clone 2.52]
Catalog # AH11499

Product Information

Application	IF, FC
Primary Accession	P01562
Other Accession	3439, 37026, 533471
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Clone Names	2.52
Calculated MW	16 KDa

Additional Information

Other Names	Interferon alpha-1/13, IFN-alpha-1/13, Interferon alpha-D, LeIF D, IFNA1
Application Note	IF~~1:50~200 FC~~1:10~50
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.

Protein Information

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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.