

Datasheet for ABIN6937475

anti-IFNA1 antibody



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Overview

Quantity:	100 µg
Target:	IFNA1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IFNA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Purified recombinant human IFN-alpha1
Clone:	Feb-48
Isotype:	IgG1 kappa
Specificity:	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.
Cross-Reactivity (Details):	Human.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: IFNA1

Alternative Name: IFNA1 ([IFNA1 Products](#))

Background: IFN alpha, IFN alpha 1/13, IFN alpha 1b, Interferon alpha 13 (IFNA13), Interferon alpha leukocyte (IFL), Interferon alpha-1/13 (IFN-alpha-1/13), Interferon alpha-D (IFN alphaD), Interferon alpha1 (IFNA1), LeIF D, Interferon alpha-1 (IFNA1)
Cellular localisation: Cytoplasmic & Extracellular (Secreted)

Molecular Weight: 16-27kDa

Gene ID: 3439, 37026, 533471

UniProt: [P01562](#)

Pathways: [JAK-STAT Signaling](#), [Hepatitis C](#)

Application Details

Application Notes: Known_Application: Flow Cytometry (1-2 µg/million cells), Western Blot (1-2 µg/mL), Immunohistochemistry (frozen), Immunofluorescence (1-2 µg/mL), Optimal dilution for a specific application should be determined.
Positive_Control: Stimulated human peripheral blood mononuclear cells.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C, -80 °C

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months