

Datasheet for ABIN6939689

anti-IFNA1 antibody[Go to Product page](#)**1** Image

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
Purification:	Purified by Protein A/G

Target Details

Target:	IFNA1
Alternative Name:	IFNA1 (IFNA1 Products)
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

Target Details

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.

Molecular Weight: 16-27kDa

Gene ID: 3439

UniProt: [P01562](#)

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

Application Details

Application Notes: Positive Control: Stimulated human peripheral blood mononuclear cells.
Known Application: Flow Cytometry (0.5-1 µg/million cells), Western Blot (1-2 µg/mL), Immunohistochemistry (frozen), Immunofluorescence (0.5-1 µg/mL), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

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

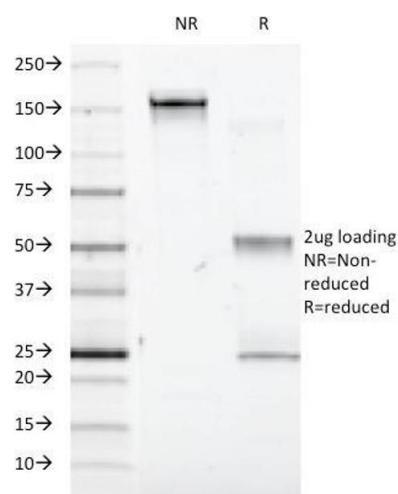
Preservative: Sodium azide

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 Interferon alpha-1 Mouse Monoclonal Antibody (2-48). Confirmation of Purity and Integrity of Antibody.