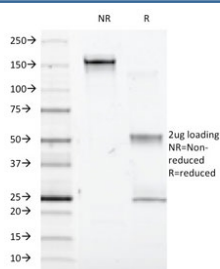


## IFNA1 Antibody / Interferon alpha 1 [clone 2.48] (V7854)

Catalog No.	Formulation	Size
V7854-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7854-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7854SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	2.48
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P01562
<b>Localization</b>	Cytoplasmic, extracellular (secreted)
<b>Applications</b>	Flow Cytometry : 1-2ug/10 <sup>6</sup> cells in 0.1ml Western Blot : 1-2ug/ml Immunofluorescence : 1-2ug/ml
<b>Limitations</b>	This IFNA1 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free IFNA1 antibody (clone 2.48) as confirmation of integrity and purity.

## Description

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.

## Application Notes

Optimal dilution of the IFNA1 antibody should be determined by the researcher.

## Immunogen

Purified recombinant human protein was used as the immunogen for the Interferon alpha antibody.

## Storage

Store the IFNA1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).