

# InVivoMAb Anti-Human IFN $\alpha$ 2/IFNA2 (Iv0001)

## Summary

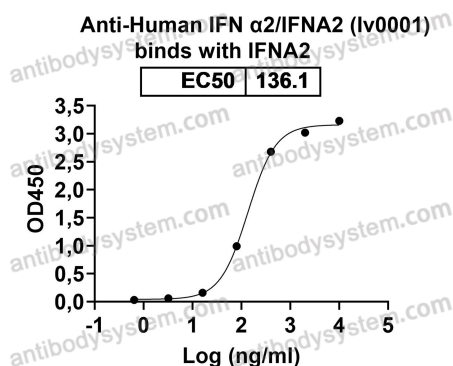
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<b>Catalog No.</b>	VHB94601
<b>Clone ID</b>	Iv0001
<b>Host species</b>	Human
<b>Species reactivity</b>	Human
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4.
<b>Concentration</b>	3.53 mg/ml
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	ELISA, FCM, Neutralization
<b>Target</b>	Interferon alpha-2, IFN-alpha-2, Interferon alpha-A, LeIF A, IFNA2,IFN-Alpha, IFNA2A, IFNA2B, IFNA2C, Interferon alpha-1/13, IFN-alpha-1/13, Interferon alpha-D, LeIF D, IFNA1, IFNA13, IFN- $\alpha$ 4, IFN- $\alpha$ 5, IFN- $\alpha$ 6, IFN- $\alpha$ 7, IFN- $\alpha$ 8, IFN- $\alpha$ 10, IFN- $\alpha$ 14, IFN- $\alpha$ 16, IFN- $\alpha$ 17, IFN- $\alpha$ 21
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Accession</b>	P01563
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

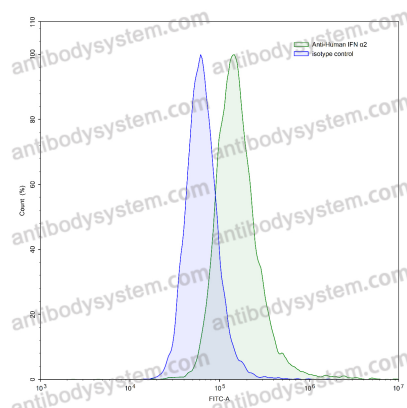
## Note

For research use only. Not suitable for clinical or therapeutic use.

## Data Image



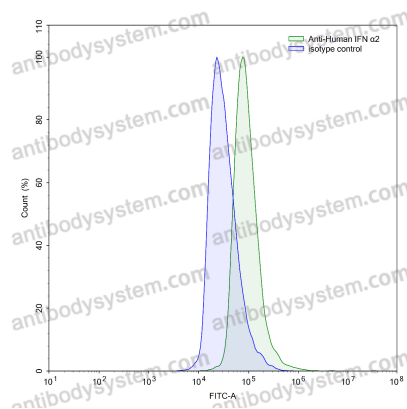
Bioactivity



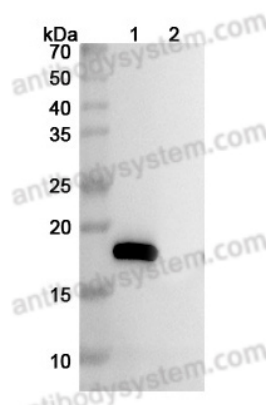
Flow-cytometry

Detects Human IFN  $\alpha$ 2/IFNA2 in indirect ELISAs.

Flow-cytometry using anti-human IFN  $\alpha$ 2 antibody. HeLa cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human IFN  $\alpha$ 2 antibody monoclonal antibody (Catalog # VHB94601, Green Histogram) at a concentration of 5  $\mu$ g/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # PHB96441) and cells analysed on a NovoCyte Flow Cytometer.



Flow-cytometry



Western Blot

Flow-cytometry using anti-human IFN  $\alpha$ 2 antibody. SHSY-5Y cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human IFN  $\alpha$ 2 antibody monoclonal antibody (Catalog # VHB94601, Green Histogram) at a concentration of 5  $\mu$ g/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # PHB96441) and cells analysed on a NovoCyt Flow Cytometer.

Various lysates were subjected to SDS PAGE followed by western blot with IFNA2 antibody (VHB94601) at 1  $\mu$ g/ml.

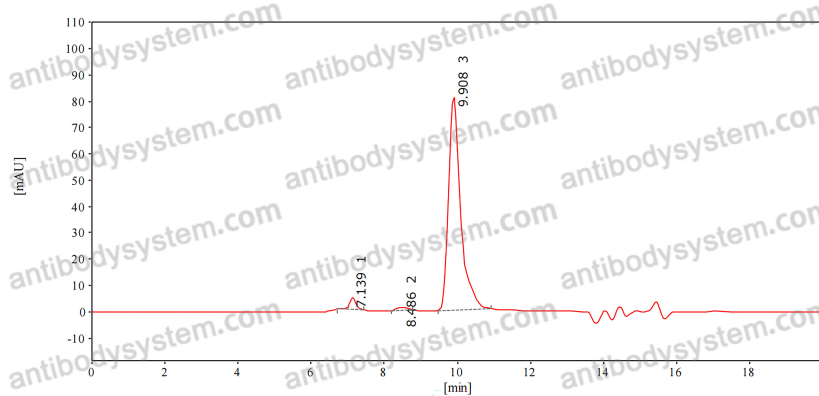
Lane 1: IFNA2 transfected HEK293 cell lysate

Lane 2: Non-transfected HEK293 cell lysate

Second Ab: Goat Anti-Human IgG H&L Polyclonal antibody, HRP (PHB96431) at 0.1  $\mu$ g/mL.

Predict MW: 21 kDa

Observed MW: 21 kDa



SEC-HPLC

The purity of this product is >95% as determined by SEC-HPLC.