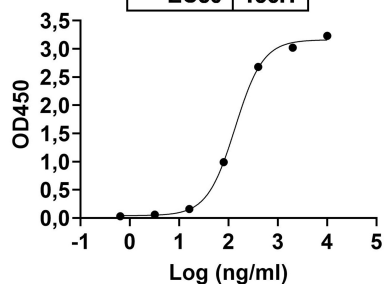


Product Information	
Catalog No.	RA10770
Product name	InVivoMAb Anti-Human IFN α 2/IFNA2 (Iv0001)
Applications	ELISA, FCM, Neutralization
Species reactivity	Human
Host species	Human
Clonality	Monoclonal
Isotype	IgG1
Clone ID	Iv0001
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4.
Concentration	3.53 mg/ml
Purity	>95% as determined by SDS-PAGE.
Purification	Protein A/G purified from cell culture supernatant.
Target	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- α 4, IFN- α 5, IFN- α 6, IFN- α 7, IFN- α 8, IFN- α 10, IFN- α 14, IFN- α 16, IFN- α 17, IFN- α 21
Accession	P01563
Endotoxin level	Please contact with the lab for this information.
Stability and Storage	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.

Image Data

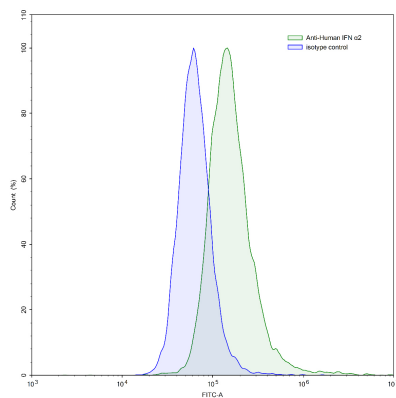
**Anti-Human IFN α 2/IFNA2 (Iv0001)
binds with IFNA2**

EC50 136.1



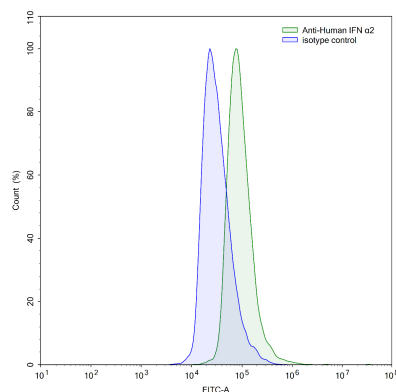
Bioactivity

Detects Human IFN α 2/IFNA2 in indirect ELISAs.



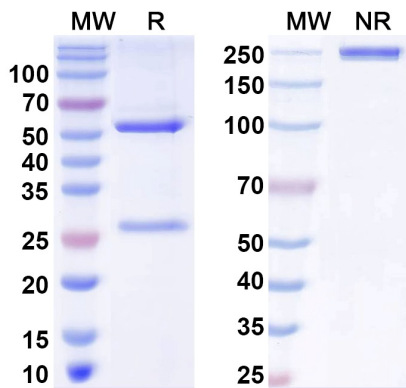
Flow Cytometry

Flow-cytometry using anti-human IFN α 2 antibody. HeLa cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human IFN α 2 antibody monoclonal antibody (Catalog # HF827010, Green Histogram) at a concentration of 5 μ g/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # HF690414) and cells analysed on a NovoCyte Flow Cytometer.



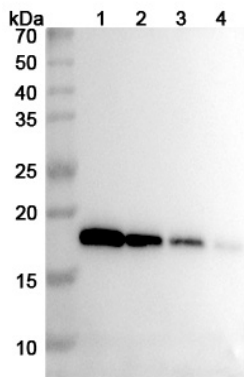
Flow Cytometry

Flow-cytometry using anti-human IFN α 2 antibody. SHSY-5Y cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human IFN α 2 antibody monoclonal antibody (Catalog # HF827010, Green Histogram) at a concentration of 5 μ g/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # HF690414) and cells analysed on a NovoCyte Flow Cytometer.



SDS-PAGE for InVivoMAb Anti-Human IFN α 2/IFNA2 (lv0001).

SDS-PAGE



Western blot analysis was performed using anti-IFNA2/IFN-alpha-2 monoclonal antibody at 1ug/ml on various samples.

Lane 1: recombinant human IFNA2/IFN-alpha-2 (Catalog No: HF827012), 50ng

Lane 2: recombinant human IFNA2/IFN-alpha-2 (Catalog No: HF827012), 30ng

Lane 3: recombinant human IFNA2/IFN-alpha-2 (Catalog No: HF827012), 20ng

Lane 4: recombinant human IFNA2/IFN-alpha-2 (Catalog No: HF827012), 10ng

Western blot