

For Research Use Only

IFN Alpha Monoclonal antibody

Catalog Number: 66162-1-Ig **2 Publications**



Basic Information

Catalog Number: 66162-1-Ig	GenBank Accession Number: BC074928	Purification Method: Protein A purification
Size: 2700 µg/ml	GeneID (NCBI): 3439	CloneNo.: 4A2A11
Source: Mouse	UNIPROT ID: P01562	Recommended Dilutions: WB 1:500-1:1000
Isotype: IgG2a	Full Name: IFNA1	
Immunogen Catalog Number: AG12533	Calculated MW: 189 aa, 22 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Recombinant protein, Transfected HEK-293 cells
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

Background Information

IFNA1 (IF-alpha) is a member of the Type I IFN (1) family best known for their antiviral activity. It is a key cytokine regulating the activity of B cells, T-helper cells (Th cells), cDCs and natural killer cells (NK cells). IFNA1 induces B cell maturation into plasma cells and immunoglobulin production. IFNA1 plays an important role in the pathogenesis of systemic lupus erythematosus (SLE). IFNA1 was the first cytokine to show clinical benefit in the treatment of certain types of cancer, including melanoma, chronic myelogenous leukemia, and renal cancer.

Notable Publications

Author	Pubmed ID	Journal	Application
Yan Jin	34524541	Amino Acids	WB
Jianguo Feng	31211948	Brain Res	WB

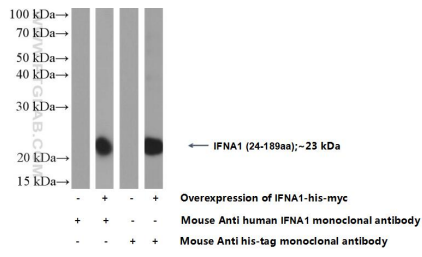
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

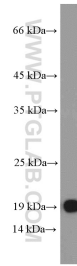
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Selected Validation Data



WB result of Interferon alpha antibody (66162-1-Ig; 1:300; room temperature for 1.5 hours) with negative control and Interferon alpha overexpressed Transfected HEK-293 cells.



Recombinant protein were subjected to SDS PAGE followed by western blot with 66162-1-Ig (Interferon alpha antibody at dilution of 1:40000 incubated at room temperature for 1.5 hours).