

For Research Use Only

IFN Alpha Monoclonal antibody, PBS Only



Catalog Number: 66162-1-PBS

Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
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.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

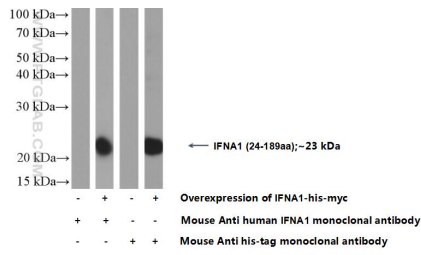
T: 4006900926

E: Proteintech-CN@ptglab.com

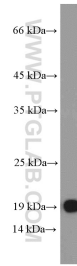
W: ptgcn.com

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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. This data was developed using the same antibody clone with 66162-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 66162-1-PBS in a different storage buffer formulation.