For Research Use Only

## IFN Alpha Monoclonal antibody, PBS Only



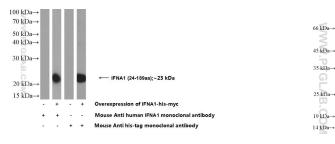
Catalog Number:66162-1-PBS

<b>Basic Information</b>	Catalog Number: 66162-1-PBS	GenBank Accession Number: BC074928	Purification Method: Protein A purification
	Size: 100ug , Concentration: 1 mg/ml by Nanodrop; Source: Mouse Isotype: IgG2a Immunogen Catalog Number: AG12533	GeneID (NCBI): 3439 UNIPROT ID: P01562 Full Name: IFNA1 Calculated MW: 189 aa, 22 kDa Observed MW: 22 kDa	CloneNo.: 4A2A11
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. Storage Buffer: PBS Only		

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free<br/>in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.comW: ptglab.comW: ptglab.com

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## Selected Validation Data



WB result of Interferon alpha antibody (66162-1-lg; 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-lg (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.