

For Research Use Only

IFN-alpha Recombinant monoclonal antibody

Catalog Number: 87610-3-RR



Basic Information

Catalog Number: 87610-3-RR	GenBank Accession Number: NM_024013.2	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 3439	CloneNo.: 252039C10
Isotype: IgG	UNIPROT ID: P01562	Recommended Dilutions: WB: 1:2000-1:10000 IF/ICC: 1:250-1:1000
Immunogen Catalog Number: EG2592	Full Name: IFNA1	
	Calculated MW: 22 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : Recombinant protein, Transfected with IFNA1 CHO cells
	IF/ICC : Transfected CHO,

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

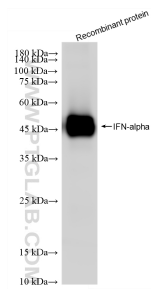
T: 4006900926

E: Proteintech-CN@ptglab.com

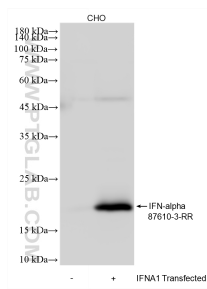
W: ptgcn.com

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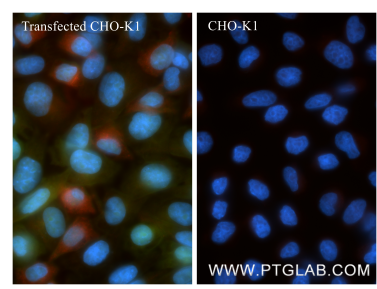
Selected Validation Data



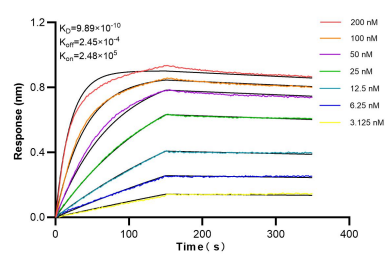
Human IFN-alpha recombinant protein was subjected to SDS PAGE followed by western blot with 87610-3-RR (IFNA1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



CHO cells transfected with human IFN-alpha were subjected to SDS PAGE followed by western blot with 87610-3-RR (IFNA1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Transfected CHO using IFN-alpha antibody (87610-3-RR, Clone: 252039C10) at dilution of 1:500 and Multi-rAb CoraLite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004).



Biolayer interferometry (BLI) kinetic assays of 87610-3-RR against Human IFN-alpha were performed. The affinity constant is 0.989 nM.