

For Research Use Only

IFNA8 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87827-1-PBS



Basic Information

Catalog Number: 87827-1-PBS	GenBank Accession Number: BC104830	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 3445	CloneNo.: 252963A7
Isotype: IgG	UNIPROT ID: P32881	
Immunogen Catalog Number: EG4954	Full Name: interferon, alpha 8	
	Observed MW: 25 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

IFNA8 (Interferon alpha-8) is a member of the type I interferon family, primarily produced by macrophages and virus-infected cells, and possesses broad-spectrum antiviral activity. This protein exerts its effects by binding to the type I interferon receptor, activating the JAK-STAT signaling pathway, and inducing the expression of various interferon-stimulated genes (ISGs). Studies have shown that the antiviral activity of IFNA8 is significantly higher than that of other subtypes such as IFNA1, playing a crucial role in defending against infections like vesicular stomatitis virus. Furthermore, the transcription of IFNA8 is regulated by the transcription factor Oct-1, and single nucleotide polymorphisms in its promoter region are associated with the prognosis of glioma patients.

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, pH7.3

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

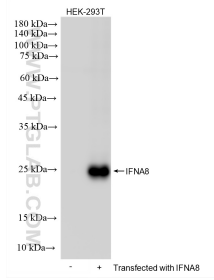
T: 4006900926

E: Proteintech-CN@ptglab.com

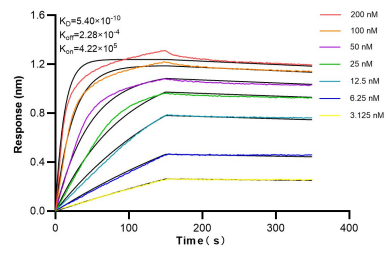
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87827-1-RR (IFNA8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87827-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87827-1-RR against Human IFNA8 were performed. The affinity constant is 0.54 nM.