

For Research Use Only

IFNA14 Recombinant monoclonal antibody

Catalog Number:87828-1-RR



Basic Information

Catalog Number: 87828-1-RR	GenBank Accession Number: BC074956	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3448	CloneNo.: 252962C1
Source: Rabbit	UNIPROT ID: P01570	Recommended Dilutions: WB: 1:1000-1:8000
Isotype: IgG	Full Name: interferon, alpha 14	
Immunogen Catalog Number: EG5295	Observed MW: 23 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Recombinant protein, Transfected with IFNA14 HEK-293T cells
Species Specificity: human	

Background Information

IFNA14 (Interferon α -14) is a type I interferon encoded by a gene located on chromosome 9 (9p21.3). It is mainly produced by macrophages and other cells. By binding to interferon receptors (IFNAR), it initiates signaling pathways such as JAK-STAT, playing a crucial role in antiviral immunity (especially against HIV-1), tumor occurrence, and immune regulation.

Storage

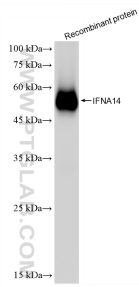
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

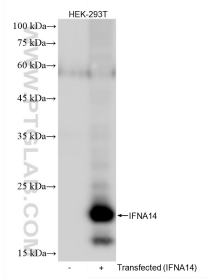
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

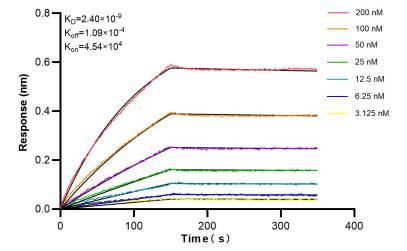
Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with 87828-1-RR (IFNA14 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Transfected with IFNA14 HEK-293T cells were subjected to SDS PAGE followed by western blot with 87828-1-RR (IFNA14 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Bilayer interferometry (BLI) kinetic assays of 87828-1-RR against Human IFNA14 were performed. The affinity constant is 2.40 nM.