

For Research Use Only

IFNA14 Recombinant monoclonal antibody, PBS Only

Catalog Number:87828-1-PBS



Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

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

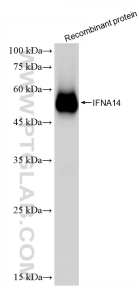
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

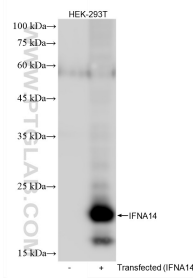
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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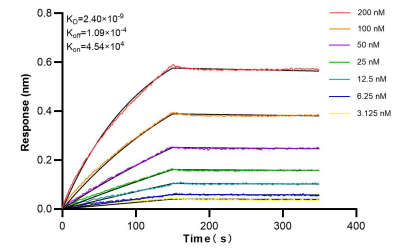
Selected Validation Data



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. This data was developed using the same antibody clone with 87828-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 87828-1-PBS in a different storage buffer formulation.



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