

For Research Use Only

IFNAR1 Recombinant antibody

Catalog Number: 83002-4-RR



Basic Information

Catalog Number: 83002-4-RR	GenBank Accession Number: BC021825	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3454	CloneNo.: 230549C8
Source: Rabbit	UNIPROT ID: P17181	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: interferon (alpha, beta and omega) receptor 1	
	Calculated MW: 557 aa, 64 kDa	
	Observed MW: 80-140 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, HeLa cells, HepG2 cells, HEK-293 cells, A431 cells, Jurkat cells
Species Specificity: Human	

Background Information

Interferon alpha and beta receptor subunit 1 (IFNAR1) is a type I membrane protein that associates with IFNAR2 to form the receptor for type I interferons, including interferons-alpha, -beta, and -lambda. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2, and then increase transcription of the IFN-induced genes whose products exert antiviral, immunomodulatory, and antiproliferative effects.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

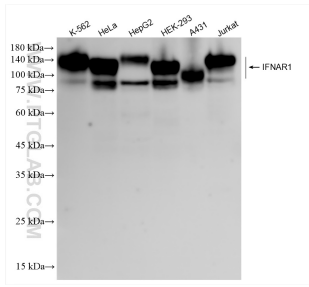
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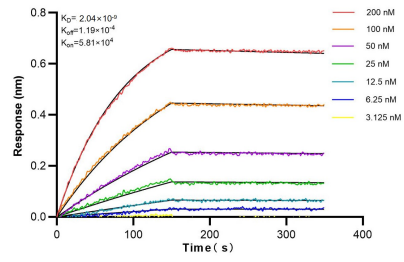
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83002-4-RR (IFNAR1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83002-4-RR against Human IFNAR1 were performed. The affinity constant is 2.04 nM.