

For Research Use Only

IFNAR1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83002-1-PBS



Basic Information

Catalog Number: 83002-1-PBS	GenBank Accession Number: BC021825	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 3454	CloneNo.: 230549E5
Source: Rabbit	UNIPROT ID: P17181	
Isotype: IgG	Full Name: interferon (alpha, beta and omega) receptor 1	
	Calculated MW: 557 aa, 64 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83002-1-PBS targets IFNAR1 as part of a matched antibody pair:

MP00094-1: 83002-3-PBS capture and 83002-1-PBS detection (validated in Cytometric bead array)

MP00094-2: 83002-2-PBS capture and 83002-1-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

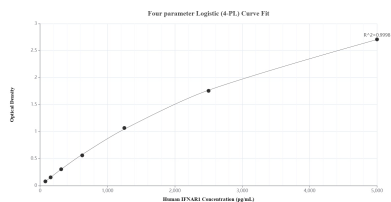
Storage:
Store at -80°C.

Storage Buffer:
100% PBS pH 7.3

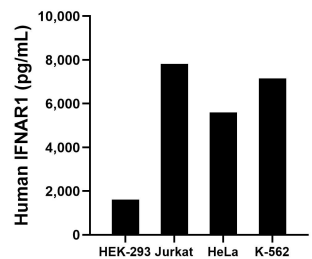
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

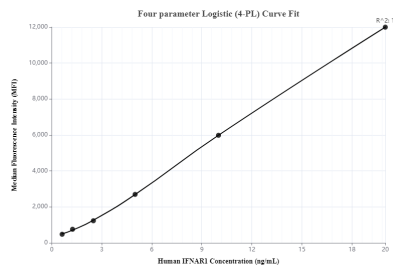
Selected Validation Data



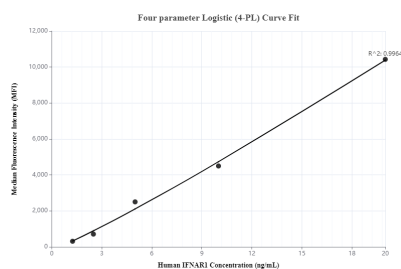
Sandwich ELISA standard curve of MP00094-2, Human IFNAR1 Recombinant Matched Antibody Pair - PBS only. 83002-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0156. 83002-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean IFNAR1 concentration was determined to be 1,609.0 pg/mL in HEK-293 cell extract based on a 3.4 mg/mL extract load, 7,820.0 pg/mL in Jurkat cell extract based on a 5.8 mg/mL extract load, 5,597.6 pg/mL in HeLa cell extract based on a 3.6 mg/mL extract load and 7,152.5 pg/mL in K-562 cell extract based on a 4.0 mg/mL extract load.



Cytometric bead array standard curve of MP00094-1, IFNAR1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83002-3-PBS. Detection antibody: 83002-1-PBS. Standard: Eg0156. Range: 0.625-20 ng/mL.



Cytometric bead array standard curve of MP00094-2, IFNAR1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83002-2-PBS. Detection antibody: 83002-1-PBS. Standard: Eg0156. Range: 1.25-20 ng/mL.