

For Research Use Only

# NUP85 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83288-2-PBS



## Basic Information

Catalog Number:	83288-2-PBS	GenBank Accession Number:	BC000697	Purification Method:	Protein A purification
Concentration:	1mg/ml	GeneID (NCBI):	79902	CloneNo.:	240116E10
Source:	Rabbit	UNIPROT ID:	Q9BW27		
Isotype:	IgG	Full Name:	nucleoporin 85kDa		
Immunogen Catalog Number:	AG7086	Calculated MW:	75 kDa		

## Applications

**Tested Applications:**  
WB, FC (Intra), Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Background Information

### 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:

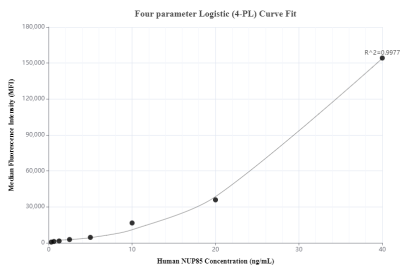
T: 4006900926

E: Proteintech-CN@ptglab.com

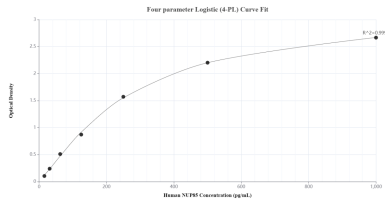
W: ptgcn.com

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

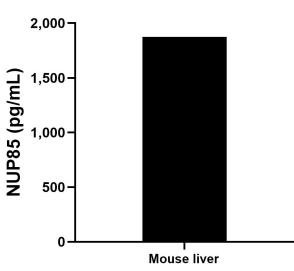
Selected Validation Data



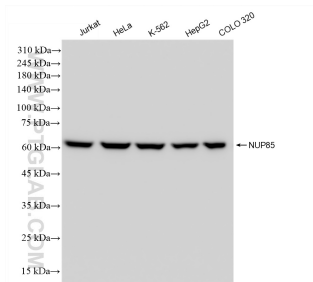
Cytometric bead array standard curve of MP00330-1, NUP85 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83288-2-PBS. Detection antibody: 83288-1-PBS. Standard: Ag7086. Range: 0.313-40 ng/mL



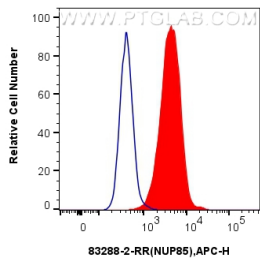
Sandwich ELISA standard curve of MP00330-1, Human NUP85 Recombinant Matched Antibody Pair - PBS only. 83288-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7086. 83288-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



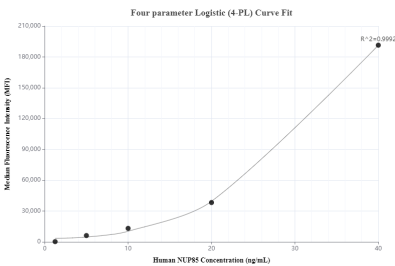
The mean NUP85 concentration was determined to be 1,874.5 pg/mL in mouse liver tissue extract based on a 3.0 mg/mL extract load.



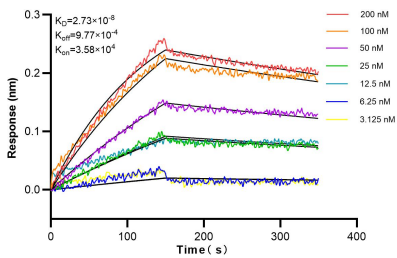
Various lysates were subjected to SDS PAGE followed by western blot with 83288-2-RR (NUP85 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83288-2-PBS in a different storage buffer formulation.



1x10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.25 ug NUP85 Recombinant antibody (83288-2-RR, Clone:240116E10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83288-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00330-2, NUP85 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83288-2-PBS. Detection antibody: 83288-3-PBS. Standard: Ag7086. Range: 1.25-40 ng/mL



Biolayer interferometry (BLI) kinetic assays of 83288-2-RR against Human NUP85 were performed. The affinity constant is 27.3 nM.