

For Research Use Only

NUP133 Recombinant antibody, PBS Only (Detector)

Catalog Number: 85609-1-PBS



Basic Information

Catalog Number: 85609-1-PBS	GenBank Accession Number: BC020107	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55746	CloneNo.: 243092B5
Source: Rabbit	UNIPROT ID: Q8WUM0	
Isotype: IgG	Full Name: nucleoporin 133kDa	
Immunogen Catalog Number: AG3100	Calculated MW: 1156 aa, 129 kDa	
	Observed MW: 129 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

85609-1-PBS targets NUP133 as part of a matched antibody pair:

MP01982-2: 85609-2-PBS capture and 85609-1-PBS detection (validated in Cytometric bead array)

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.

Background Information

Nuclear pore complex protein Nup133 is a protein that in humans is encoded by the NUP133 gene. The nucleoporin protein encoded by this gene displays evolutionarily conserved interactions with other nucleoporins. This protein, which localizes to both sides of the nuclear pore complex at interphase, remains associated with the complex during mitosis and is targeted at early stages to the reforming nuclear envelope. This protein also localizes to kinetochores of mitotic cells.

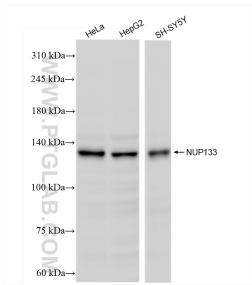
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

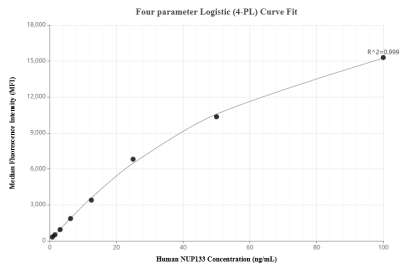
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

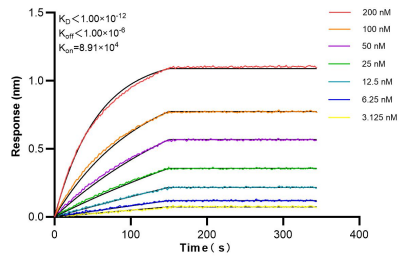
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85609-1-RR (NUP133 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85609-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01982-2, NUP133 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85609-2-PBS. Detection antibody: 85609-1-PBS. Standard: Ag3100. Range: 0.781-100 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 85609-1-RR against Human NUP133 were performed. The affinity constant is below 1 pM.