

For Research Use Only

Ninein Recombinant antibody, PBS Only (Detector)

Catalog Number: 84937-1-PBS



Basic Information

Catalog Number: 84937-1-PBS	GenBank Accession Number: BC034708	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 51199	CloneNo.: 242525B7
Source: Rabbit	UNIPROT ID: Q8N4C6	
Isotype: IgG	Full Name: ninein (GSK3B interacting protein)	
Immunogen Catalog Number: AG3688	Calculated MW: 2090 aa, 243 kDa	
	Observed MW: 240-255 kDa	

Applications

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

Species Specificity:
human

Background Information

Ninein is a large coiled-coil protein that associates with the subdistal appendages of the mother centriole and the minus-ends of both centrioles. Ninein interacts with γ -tubulin and microtubule nucleation and anchoring at the centrosomes.

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

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

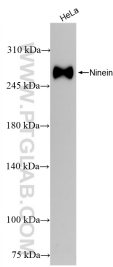
T: 4006900926

E: Proteintech-CN@ptglab.com

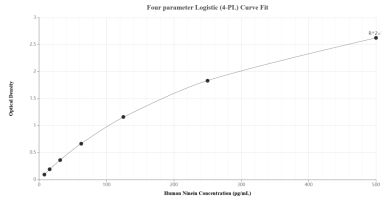
W: ptgcn.com

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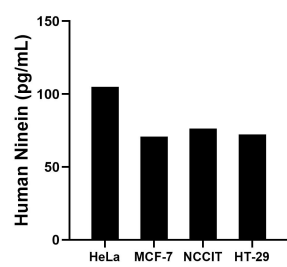
Selected Validation Data



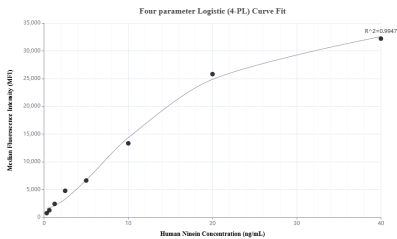
HeLa cells were subjected to SDS PAGE followed by western blot with 84937-1-RR (Ninein antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84937-1-PBS in a different storage buffer formulation.



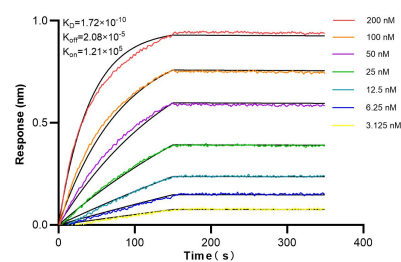
Sandwich ELISA standard curve of MP01704-2, Human Ninein Recombinant Matched Antibody Pair - PBS only. 84937-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3688. 84937-1-PBS was HRP conjugated as the detection antibody. Range: 7.81-500 pg/mL



The mean Ninein concentration was determined to be 105.0 pg/mL in HeLa cell extract based on a 1.0 mg/mL extract load, 70.8 pg/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load, 76.3 pg/mL in NCCIT cell extract based on a 1.9 mg/mL extract load and 72.4 pg/mL in HT-29 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP01704-2, Ninein Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84937-3-PBS. Detection antibody: 84937-1-PBS. Standard: Ag3688. Range: 0.313-40 ng/mL



Biolayer interferometry (BLI) kinetic assays of 84937-1-RR against Human Ninein were performed. The affinity constant is 0.172 nM.