

For Research Use Only

# Ninein Recombinant antibody, PBS Only (Capture)

Catalog Number: 84937-3-PBS



## Basic Information

<b>Catalog Number:</b> 84937-3-PBS	<b>GenBank Accession Number:</b> BC034708	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51199	<b>CloneNo.:</b> 242525F9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N4C6	
<b>Isotype:</b> IgG	<b>Full Name:</b> ninein (GSK3B interacting protein)	
<b>Immunogen Catalog Number:</b> AG3688	<b>Calculated MW:</b> 2090 aa, 243 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

84937-3-PBS targets Ninein as part of a matched antibody pair:

MP01704-1: 84937-3-PBS capture and 84937-2-PBS detection (validated in Cytometric bead array)

MP01704-2: 84937-3-PBS capture and 84937-1-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

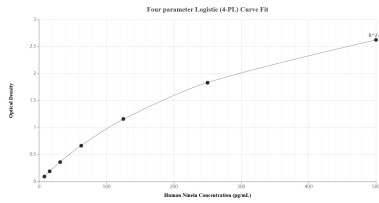
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

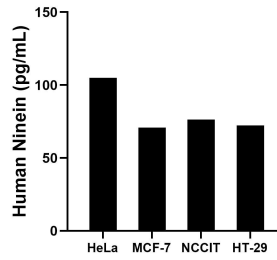
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

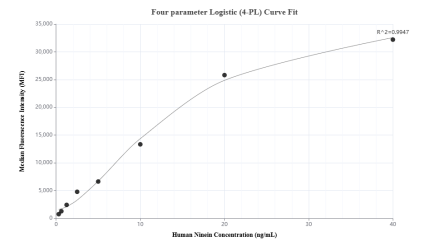
## Selected Validation Data



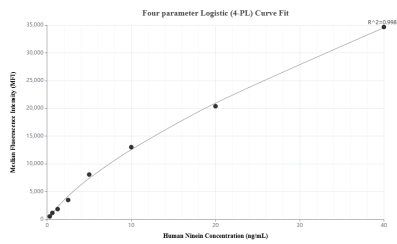
Sandwich ELISA standard curve of MP01704-2, Human NINEIN Recombinant Matched Antibody Pair - PBS only. 84937-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3688. 84937-1-PBS was HRP conjugated as the detection antibody. Range: 7.81-500 pg/mL.



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.



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