

For Research Use Only

# NMDAR1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 85973-1-PBS



## Basic Information

<b>Catalog Number:</b> 85973-1-PBS	<b>GenBank Accession Number:</b> NM_000832	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2902	<b>CloneNo.:</b> 250535A12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q05586	
<b>Isotype:</b> IgG	<b>Full Name:</b> glutamate receptor, ionotropic, N-methyl D-aspartate 1	
<b>Immunogen Catalog Number:</b> AG26093	<b>Calculated MW:</b> 105 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

85973-1-PBS targets NMDAR1 as part of a matched antibody pair:

MP02220-1: 85973-2-PBS capture and 85973-1-PBS detection (validated in 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.

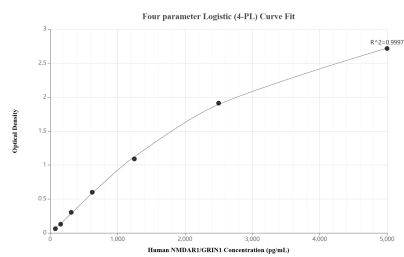
## Storage

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

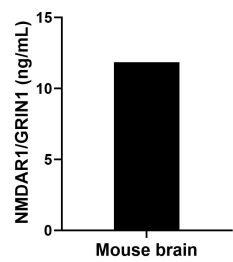
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Sandwich ELISA standard curve of MP02220-1, Human NMDAR1/GRIN1 Recombinant Matched Antibody Pair - PBS only. 85973-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag26093. 85973-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean NMDAR1/GRIN1 concentration was determined to be 11.8 ng/mL in mouse brain extract based on a 2.2 mg/mL extract load.