

For Research Use Only

# MNT Recombinant antibody, PBS Only (Detector)

Catalog Number: 83648-3-PBS



## Basic Information

<b>Catalog Number:</b> 83648-3-PBS	<b>GenBank Accession Number:</b> BC117563	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4335	<b>CloneNo.:</b> 240550D12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99583	
<b>Isotype:</b> IgG	<b>Full Name:</b> MAX binding protein	
<b>Immunogen Catalog Number:</b> AG34529	<b>Calculated MW:</b> 582 aa, 62 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

83648-3-PBS targets MNT as part of a matched antibody pair:

MP00617-1: 83648-1-PBS capture and 83648-3-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

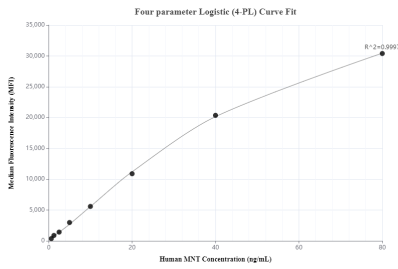
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

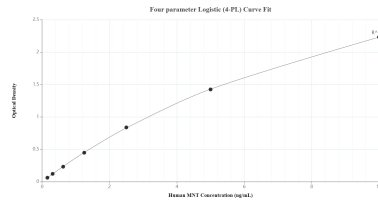
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com) W: [ptglab.com](http://ptglab.com)

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

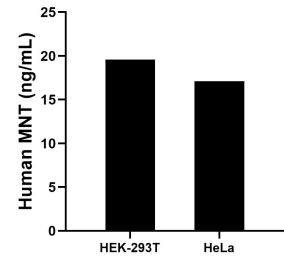
## Selected Validation Data



Cytometric bead array standard curve of MP00617-1, MNT Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83648-1-PBS. Detection antibody: 83648-3-PBS. Standard: Ag34529. Range: 0.625-80 ng/mL



Sandwich ELISA standard curve of MP00617-1, Human MNT Recombinant Matched Antibody Pair - PBS only. 83648-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag34529. 83648-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean MNT concentration was determined to be 19.62 ng/mL in HEK-293T cell extract based on a 5.50 mg/mL extract load and 17.06 ng/mL in HeLa cell extract based on a 3.60 mg/mL extract load.