

For Research Use Only

# PRNP Recombinant antibody, PBS Only (Capture)

Catalog Number: 85611-1-PBS



## Basic Information

<b>Catalog Number:</b> 85611-1-PBS	<b>GenBank Accession Number:</b> BC012844	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5621	<b>CloneNo.:</b> 243104G2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> F7VJQ1	
<b>Isotype:</b> IgG	<b>Full Name:</b> prion protein	

## Applications

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

**Species Specificity:**  
human

## Product Information

85611-1-PBS targets PRNP as part of a matched antibody pair:

MP01974-1: 85611-1-PBS capture and 85611-2-PBS detection (validated in Cytometric bead array)

MP01974-3: 85611-1-PBS capture and 85611-6-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

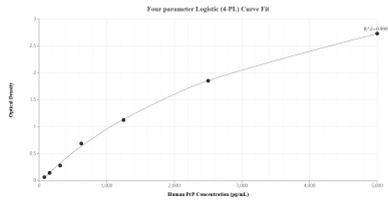
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

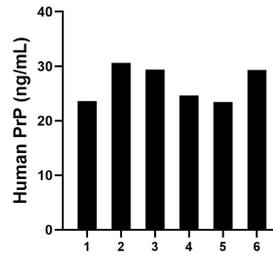
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

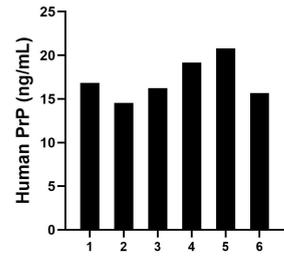
## Selected Validation Data



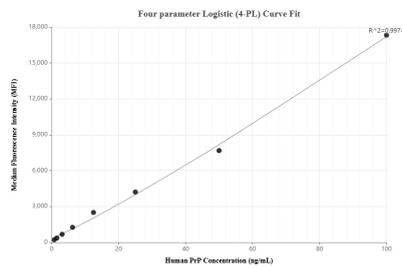
Sandwich ELISA standard curve of MP01974-3, Human PrP Recombinant Matched Antibody Pair - PBS only. 85611-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3359. 85611-6-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Cerebrospinal fluid of six individual human donors was measured. The PrP concentration of detected samples was determined to be 26.8 ng/mL with a range of 23.4-30.6 ng/mL.



Serum of six individual healthy human donors was measured. The PrP concentration of detected samples was determined to be 17.2 ng/mL with a range of 14.5-20.8 ng/mL.



Cytometric bead array standard curve of MP01974-1, PrP Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85611-1-PBS. Detection antibody: 85611-2-PBS. Standard: Eg3359. Range: 0.781-100 ng/mL