

For Research Use Only

# Mouse Keap1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83599-4-PBS



## Basic Information

<b>Catalog Number:</b> 83599-4-PBS	<b>GenBank Accession Number:</b> NM_001110305	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 50868	<b>CloneNo.:</b> 240549H4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Z2X8	
<b>Isotype:</b> IgG	<b>Full Name:</b> kelch-like ECH-associated protein 1	
<b>Immunogen Catalog Number:</b> AG35035	<b>Calculated MW:</b> 70 kDa	

## Applications

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

**Species Specificity:**  
mouse

## Product Information

83599-4-PBS targets Keap1 as part of a matched antibody pair:

MP00586-1: 83599-1-PBS capture and 83599-4-PBS detection (validated in Cytometric bead array)

MP00586-3: 83599-2-PBS capture and 83599-4-PBS detection (validated in Cytometric bead array)

MP00586-4: 83599-5-PBS capture and 83599-4-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.

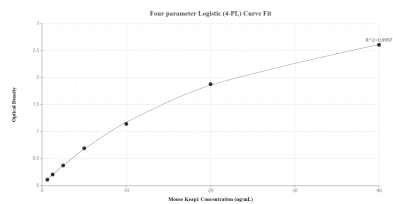
## Storage

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

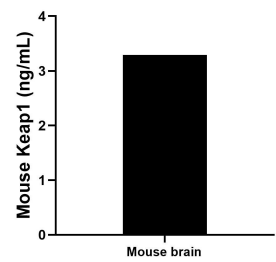
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

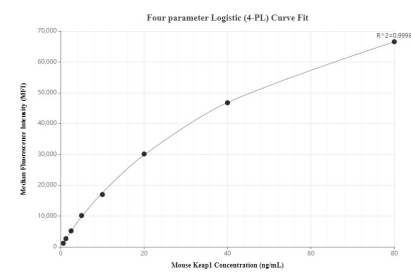
# Selected Validation Data



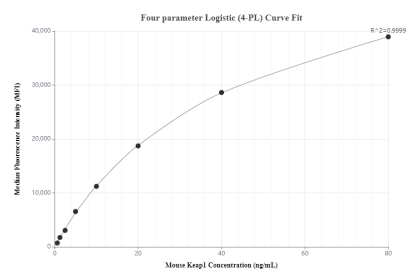
Sandwich ELISA standard curve of MP00586-4, Mouse Keap1 Recombinant Matched Antibody Pair - PBS only. 83599-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag35035. 83599-4-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.



The mean Keap1 concentration was determined to be 3.29 ng/mL in mouse brain tissue extract based on a 1.60 mg/mL extract load.



Cytometric bead array standard curve of MP00586-1, MOUSE Keap1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83599-1-PBS. Detection antibody: 83599-4-PBS. Standard: Ag35035. Range: 0.625-80 ng/mL.



Cytometric bead array standard curve of MP00586-3, MOUSE Keap1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83599-2-PBS. Detection antibody: 83599-4-PBS. Standard: Ag35035. Range: 0.625-80 ng/mL.