

For Research Use Only

# Mouse Hpx Recombinant antibody, PBS Only (Detector)

Catalog Number: 86003-1-PBS



## Basic Information

<b>Catalog Number:</b> 86003-1-PBS	<b>GenBank Accession Number:</b> NM_017371.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 15458	<b>CloneNo.:</b> 250600H1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q91X72	
<b>Isotype:</b> IgG	<b>Full Name:</b> hemopexin	
<b>Immunogen Catalog Number:</b> EG2829	<b>Calculated MW:</b> 51 kDa	

## Applications

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

**Species Specificity:**  
mouse

## Product Information

86003-1-PBS targets Hpx as part of a matched antibody pair:

MP02229-1: 86003-2-PBS capture and 86003-1-PBS detection (validated in Cytometric bead array)

MP02229-2: 86003-3-PBS capture and 86003-1-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.

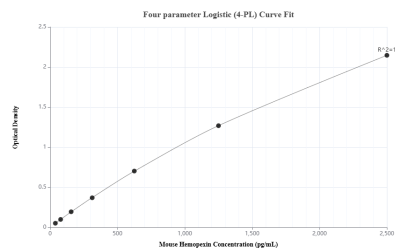
## Storage

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

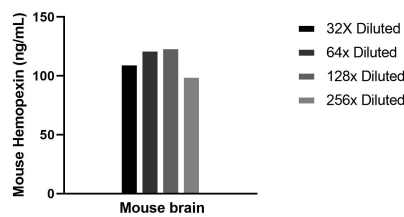
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

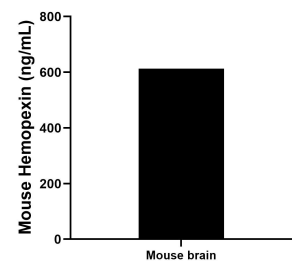
## Selected Validation Data



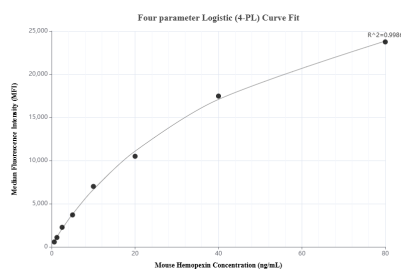
Sandwich ELISA standard curve of MP02229-2, Mouse Hemopexin Recombinant Matched Antibody Pair - PBS only. 86003-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2829. 86003-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



The mean Hemopexin concentration was determined to be 110.9 ng/mL in Mouse brain tissue extract based on a 7.0 mg/mL extract load.



The mean Hemopexin concentration was determined to be 612.49 ng/mL in mouse brain tissue extract based on a 6.6 mg/mL extract load.



Cytometric bead array standard curve of MP02229-1, MOUSE Hemopexin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86003-2-PBS. Detection antibody: 86003-1-PBS. Standard: Eg2829. Range: 0.625-80 ng/mL