

For Research Use Only

# POMP Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number:83607-5-PBS



## Basic Information

<b>Catalog Number:</b> 83607-5-PBS	<b>GenBank Accession Number:</b> BC003390	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51371	<b>CloneNo.:</b> 240563F5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y244	
<b>Isotype:</b> IgG	<b>Full Name:</b> proteasome maturation protein	
<b>Immunogen Catalog Number:</b> AG6987	<b>Calculated MW:</b> 16 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

83607-5-PBS targets POMP as part of a matched antibody pair:

MP00590-1: 83607-3-PBS capture and 83607-5-PBS detection (validated in Cytometric bead array)

MP00590-4: 83607-5-PBS capture and 83607-3-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

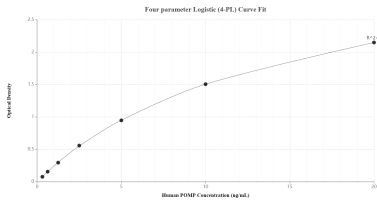
For technical support and original validation data for this product please contact:

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

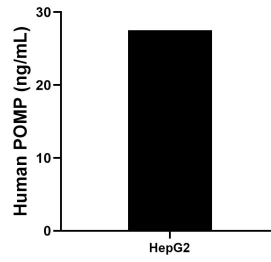
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

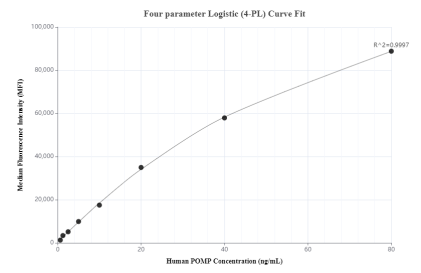
## Selected Validation Data



Sandwich ELISA standard curve of MP00590-4, Human POMP Recombinant Matched Antibody Pair - PBS only. 83607-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6987. 83607-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean POMP concentration was determined to be 27.51 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load.



Cytometric bead array standard curve of MP00590-1, POMP Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83607-3-PBS. Detection antibody: 83607-5-PBS. Standard: Ag6987. Range: 0.625-80 ng/mL