

# POMP Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00590-4

## Capture Antibody Information

Catalog Number:  
83607-5-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
240563F5  
Reactivity:  
human  
GenBank:  
BC003390  
Immunogen Catalog Number:  
Ag6987

Conjugate:  
Unconjugated  
Full name:  
proteasome maturation protein  
Gene ID:  
51371

## Detection Antibody Information

Catalog Number:  
83607-3-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
240563D9  
Reactivity:  
human  
GenBank:  
BC003390  
Immunogen Catalog Number:  
Ag6987

Conjugate:  
Unconjugated  
Full name:  
proteasome maturation protein  
Gene ID:  
51371

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
0.313-20 ng/mL (Sandwich ELISA)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00590-4 targets POMP in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: POMP Recombinant antibody, PBS Only (Capture/Detector) 83607-5-PBS (240563F5). 100 µg. Concentration 1 mg/mL.

Detection antibody: POMP Recombinant antibody, PBS Only (Capture/Detector) 83607-3-PBS (240563D9). 100 µg. Concentration 1 mg/mL.

Alternative POMP matched antibody pairs: MP00590-1, MP00590-2, MP00590-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

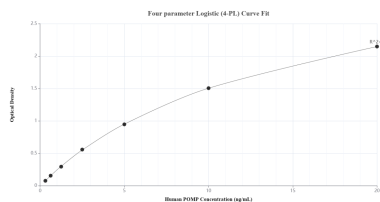
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

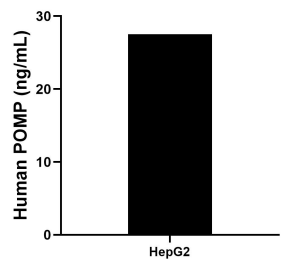
## Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C  
Storage buffer:  
PBS only

## 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.