

For Research Use Only

# LONP1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00531-2

## Capture Antibody Information

Catalog Number:  
83552-1-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
240460E1

Reactivity:  
Human

GenBank:  
BC000235

Immunogen Catalog Number:  
Ag7196

Conjugate:  
Unconjugated

Full name:  
lon peptidase 1, mitochondrial

Gene ID:  
9361

## Detection Antibody Information

Catalog Number:  
83552-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
240460D2

Reactivity:  
Human

GenBank:  
BC000235

Immunogen Catalog Number:  
Ag7196

Conjugate:  
Unconjugated

Full name:  
lon peptidase 1, mitochondrial

Gene ID:  
9361

## Applications

Tested Applications:  
Cytometric bead array

Range:  
0.469-60 ng/mL (Cytometric Bead Array)

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

## Product Information

MP00531-2 targets LONP1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: LONP1 Recombinant antibody, PBS Only (Capture/Detector) 83552-1-PBS (240460E1). 100 µg. Concentration 1 mg/ml.

Detection antibody: LONP1 Recombinant antibody, PBS Only (Detector) 83552-4-PBS (240460D2). 100 µg. Concentration 1 mg/ml.

Alternative LONP1 matched antibody pairs: MP00531-1, MP00531-3

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.  
Storage buffer:  
PBS only

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

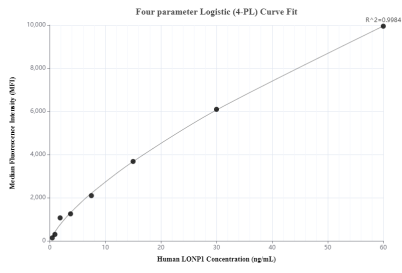
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Cytometric bead array standard curve of MP00531-2, LONP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83552-1-PBS. Detection antibody: 83552-4-PBS. Standard: Ag7196. Range: 0.469-60 ng/mL