

# PARP1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01904-1**

## Capture Antibody Information

Catalog Number:  
85175-1-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
242461B10  
Reactivity:  
human

Conjugate:  
Unconjugated  
Full name:  
poly (ADP-ribose) polymerase 1  
Gene ID:  
142

## Detection Antibody Information

Catalog Number:  
85175-2-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
242461C12  
Reactivity:  
human  
GenBank:  
BC037545

Conjugate:  
Unconjugated  
Full name:  
poly (ADP-ribose) polymerase 1  
Gene ID:  
142

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
0.156-10 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

MP01904-1 targets PARP1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PARP1- Cleaved (Asp214) 1 Recombinant antibody, PBS Only (Capture) 85175-1-PBS (242461B10). 100 µg. Concentration 1 mg/mL.

Detection antibody: PARP1- Cleaved (Asp214) 1 Recombinant antibody, PBS Only (Detector) 85175-2-PBS (242461C12). 100 µg. Concentration 1 mg/mL.

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

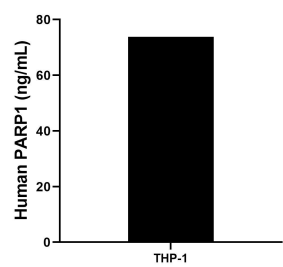
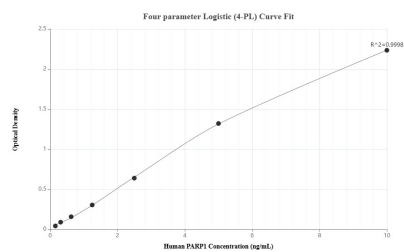
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Sandwich ELISA standard curve of MP01904-1, Human PARP1 Recombinant Matched Antibody Pair - PBS only. 85175-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY02434. 85175-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL

The mean PARP1 concentration was determined to be 73.75 ng/mL in THP-1 cell extract based on a 4.4 mg/mL extract load.