

# DCP1A Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01815-3**

## Capture Antibody Information

**Catalog Number:**  
85047-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242553B3  
**Reactivity:**  
human  
**GenBank:**  
BC007439  
**Immunogen Catalog Number:**  
Ag18027

**Conjugate:**  
Unconjugated  
**Full name:**  
DCP1 decapping enzyme homolog A  
(S. cerevisiae)  
**Gene ID:**  
55802

## Detection Antibody Information

**Catalog Number:**  
85047-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242553B12  
**Reactivity:**  
human  
**GenBank:**  
BC007439  
**Immunogen Catalog Number:**  
Ag18027

**Conjugate:**  
Unconjugated  
**Full name:**  
DCP1 decapping enzyme homolog A  
(S. cerevisiae)  
**Gene ID:**  
55802

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
78.1-5000 pg/mL (Sandwich ELISA)

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

## Product Information

MP01815-3 targets DCP1A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: DCP1A Recombinant antibody, PBS Only (Capture) 85047-2-PBS (242553B3). 100 µg. Concentration 1 mg/mL.

Detection antibody: DCP1A Recombinant antibody, PBS Only (Capture/Detector) 85047-1-PBS (242553B12). 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.

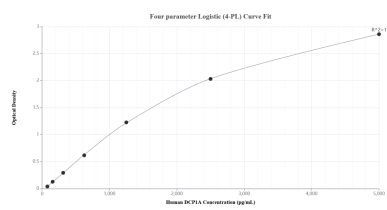
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

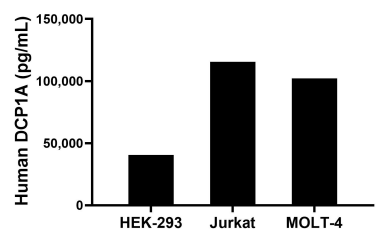
## Storage

**Storage:**  
Store at -80°C.  
**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 MP01815-3, Human DCP1A Recombinant Matched Antibody Pair - PBS only. 85047-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag18027. 85047-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean DCP1A concentration was determined to be 40,493.9 pg/mL in HEK-293 cell extract based on a 2.7 mg/mL extract load, 115,506.8 pg/mL in Jurkat cell extract based on a 3.1 mg/mL extract load and 102,083.76 pg/mL in MOLT-4 cell extract based on a 3.2 mg/mL extract load.