

# LCP1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02368-2

## Capture Antibody Information

**Catalog Number:**  
86299-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251063C10  
**Reactivity:**  
human  
**GenBank:**  
BC010271  
**Immunogen Catalog Number:**  
Ag3571

**Conjugate:**  
Unconjugated  
**Full name:**  
lymphocyte cytosolic protein 1 (L-plastin)  
**Gene ID:**  
3936

## Detection Antibody Information

**Catalog Number:**  
86299-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251063E3  
**Reactivity:**  
human  
**GenBank:**  
BC010271  
**Immunogen Catalog Number:**  
Ag3571

**Conjugate:**  
Unconjugated  
**Full name:**  
lymphocyte cytosolic protein 1 (L-plastin)  
**Gene ID:**  
3936

## 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

MP02368-2 targets LCP1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: LCP1 Recombinant antibody, PBS Only (Capture) 86299-5-PBS (251063C10). 100 µg. Concentration 1 mg/mL.

Detection antibody: LCP1 Recombinant antibody, PBS Only (Detector) 86299-4-PBS (251063E3). 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.

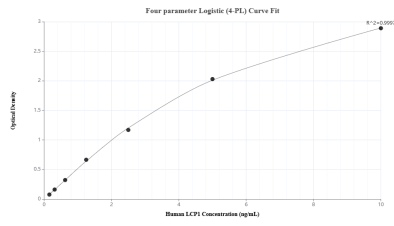
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

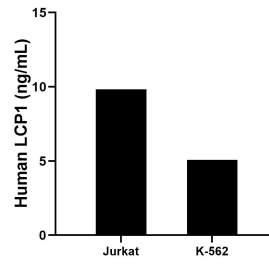
## Storage

**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 MP02368-2, Human LCP1 Recombinant Matched Antibody Pair - PBS only. 86299-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3571. 86299-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean LCP1 concentration was determined to be 9.83 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load and 5.09 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load.