

# ERp72 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02383-1

## Capture Antibody Information

**Catalog Number:**  
86239-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250697H3  
**Reactivity:**  
human  
**GenBank:**  
NM\_004911.5  
**Immunogen Catalog Number:**  
Eg3011

**Conjugate:**  
Unconjugated  
**Full name:**  
protein disulfide isomerase family A, member 4  
**Gene ID:**  
9601

## Detection Antibody Information

**Catalog Number:**  
86239-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250697G12  
**Reactivity:**  
human  
**GenBank:**  
NM\_004911.5  
**Immunogen Catalog Number:**  
Eg3011

**Conjugate:**  
Unconjugated  
**Full name:**  
protein disulfide isomerase family A, member 4  
**Gene ID:**  
9601

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.625-40 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

MP02383-1 targets ERp72 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: PDIA4 Recombinant antibody, PBS Only (Capture) 86239-3-PBS (250697H3). 100 µg. Concentration 1 mg/mL.

Detection antibody: PDIA4 Recombinant antibody, PBS Only (Detector) 86239-2-PBS (250697G12). 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.

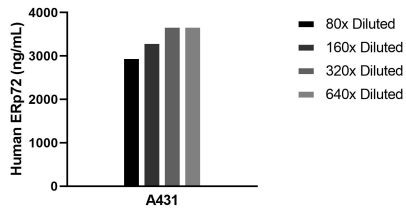
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

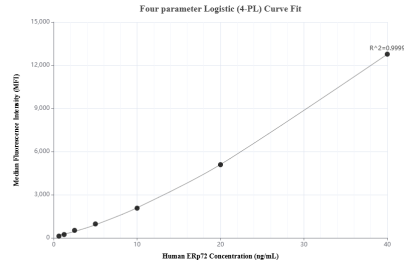
## Storage

**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



The mean ERp72 concentration was determined to be 3418.9 ng/mL in A431 cell extract based on a 3.7 mg/mL extract load.



Cytometric bead array standard curve of MP02383-1, ERp72 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86239-3-PBS. Detection antibody: 86239-2-PBS. Standard: Eg3011. Range: 0.625-40 ng/mL.