

# TJAP1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02865-1

## Capture Antibody Information

**Catalog Number:**  
87106-2-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
252301F7

**Reactivity:**  
human

**GenBank:**  
BC064401

**Immunogen Catalog Number:**  
Ag12174

**Conjugate:**  
Unconjugated

**Full name:**  
tight junction associated protein 1 (peripheral)

**Gene ID:**  
93643

## Detection Antibody Information

**Catalog Number:**  
87106-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
252301C11

**Reactivity:**  
human

**GenBank:**  
BC064401

**Immunogen Catalog Number:**  
Ag12174

**Conjugate:**  
Unconjugated

**Full name:**  
tight junction associated protein 1 (peripheral)

**Gene ID:**  
93643

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.312-20 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

MP02865-1 targets TJAP1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: TJAP1 Recombinant monoclonal antibody, PBS Only (Capture) 87106-2-PBS (252301F7). 100 µg. Concentration 1 mg/mL.

Detection antibody: TJAP1 Recombinant monoclonal antibody, PBS Only (Detector) 87106-1-PBS (252301C11). 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.

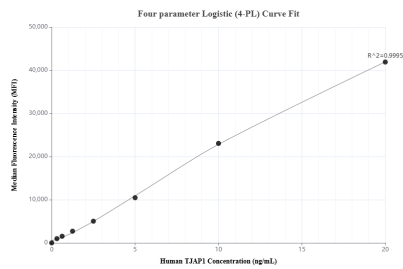
## Storage

**Storage:**  
Store at -80°C.

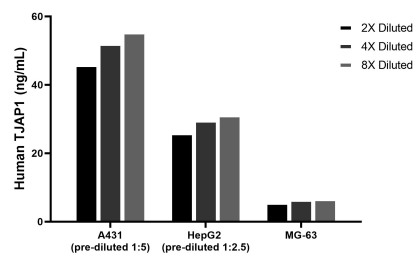
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage buffer:**  
PBS only

## Selected Validation Data



Cytometric bead array standard curve of MP02865-1, TJAP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87106-2-PBS. Detection antibody: 87106-1-PBS. Standard: Ag12174. Range: 0.312-20 ng/mL



The mean TJAP1 concentration was determined to be 51.1 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load, 28.8 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 5.8 ng/mL in MG-63 cell extract based on a 1.2 mg/mL extract load.