

# ATP2B1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00808-3

## Capture Antibody Information

**Catalog Number:**  
83827-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240848D2  
**Reactivity:**  
human  
**GenBank:**  
NM\_001001323.1  
**Immunogen Catalog Number:**  
Ag32423

**Conjugate:**  
Unconjugated  
**Full name:**  
ATPase, Ca<sup>++</sup> transporting, plasma membrane 1  
**Gene ID:**  
490

## Detection Antibody Information

**Catalog Number:**  
83827-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240848A11  
**Reactivity:**  
human  
**GenBank:**  
NM\_001001323.1  
**Immunogen Catalog Number:**  
Ag32423

**Conjugate:**  
Unconjugated  
**Full name:**  
ATPase, Ca<sup>++</sup> transporting, plasma membrane 1  
**Gene ID:**  
490

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.625-40 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

MP00808-3 targets ATP2B1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ATP2B1 Recombinant antibody, PBS Only (Capture/Detector) 83827-2-PBS (240848D2). 100 µg. Concentration 1 mg/ml.

Detection antibody: ATP2B1 Recombinant antibody, PBS Only (Detector) 83827-5-PBS (240848A11). 100 µg. Concentration 1 mg/ml.

Alternative ATP2B1 matched antibody pairs: MP00808-1, MP00808-2

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.

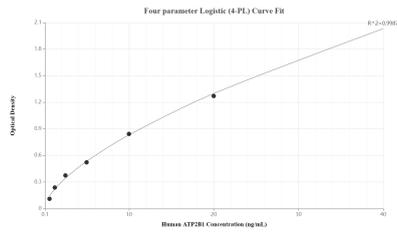
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

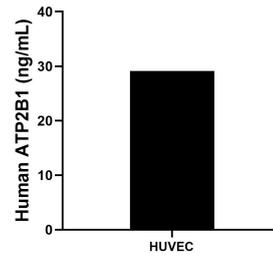
## Storage

**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 MP00808-3, Human ATP2B1 Recombinant Matched Antibody Pair - PBS only. 83827-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag32423. 83827-5-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.



The mean ATP2B1 concentration was determined to be 29.13 ng/mL in HUVEC cell extract based on a 0.91 mg/mL extract load.