

For Research Use Only

# Mouse ACE2 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02503-1

## Capture Antibody Information

**Catalog Number:**  
86303-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250137D6  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_001130513.1  
**Immunogen Catalog Number:**  
Eg2834

**Conjugate:**  
Unconjugated  
**Full name:**  
angiotensin I converting enzyme (peptidyl-dipeptidase A) 2  
**Gene ID:**  
70008

## Detection Antibody Information

**Catalog Number:**  
86303-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
250137B8  
**Reactivity:**  
mouse  
**GenBank:**  
NM\_001130513.1  
**Immunogen Catalog Number:**  
Eg2834

**Conjugate:**  
Unconjugated  
**Full name:**  
angiotensin I converting enzyme (peptidyl-dipeptidase A) 2  
**Gene ID:**  
70008

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.313-20 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

MP02503-1 targets ACE2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Ace2 Recombinant antibody, PBS Only (Capture) 86303-3-PBS (250137D6). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: Mouse Ace2 Recombinant antibody, PBS Only (Detector) 86303-2-PBS (250137B8). 100  $\mu$ g. 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

For technical support and original validation data for this product please contact:

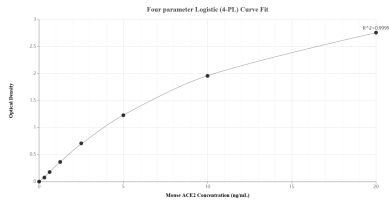
T: 4006900926

E: Proteintech-CN@ptglab.com

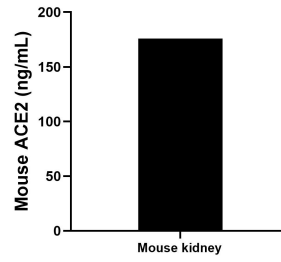
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Sandwich ELISA standard curve of MP02503-1, Mouse ACE2 Recombinant Matched Antibody Pair - PBS only. 86303-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2834. 86303-2-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean ACE2 concentration was determined to be 175.80 ng/mL in mouse kidney tissue extract based on a 8.40 mg/mL extract load.