

For Research Use Only

# Mouse Caspase 1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02932-2

## Capture Antibody Information

**Catalog Number:**  
87271-6-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252481A3  
**Reactivity:**  
mouse  
**GenBank:**  
BC008152  
**Immunogen Catalog Number:**  
Ag34441

**Conjugate:**  
Unconjugated  
**Full name:**  
caspase 1  
**Gene ID:**  
12362

## Detection Antibody Information

**Catalog Number:**  
87271-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252481C8  
**Reactivity:**  
mouse  
**GenBank:**  
BC008152  
**Immunogen Catalog Number:**  
Ag34441

**Conjugate:**  
Unconjugated  
**Full name:**  
caspase 1  
**Gene ID:**  
12362

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
1.56-100 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

MP02932-2 targets Caspase 1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Casp1 Recombinant monoclonal antibody, PBS Only (Capture) 87271-6-PBS (252481A3). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse Casp1 Recombinant monoclonal antibody, PBS Only (Detector) 87271-5-PBS (252481C8). 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

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

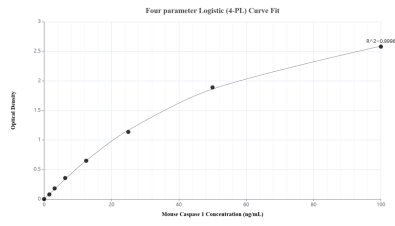
T: 4006900926

E: Proteintech-CN@ptglab.com

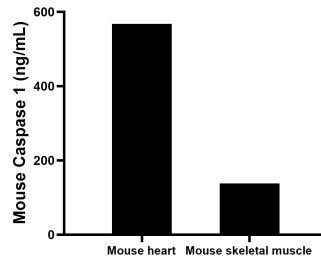
W: ptgcn.com

**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 MP02932-2, Mouse Caspase 1 Recombinant Matched Antibody Pair - PBS only. 87271-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag34441. 87271-5-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean Caspase 1 concentration was determined to be 567.60 ng/mL in mouse heart tissue extract based on a 5.40 mg/mL extract load and 137.97 ng/mL in mouse skeletal muscle tissue extract based on a 4.10 mg/mL extract load.