

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

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.  
Storage buffer:  
PBS only

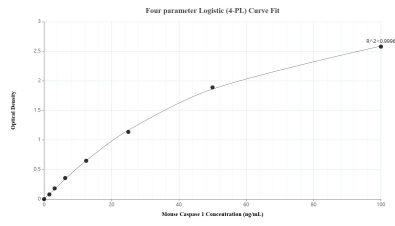
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

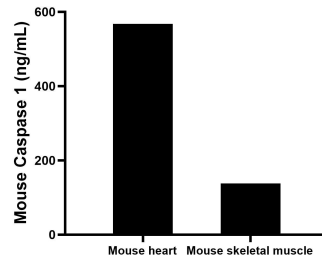
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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.