

For Research Use Only

# Cardiac Troponin I Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP03132-1**

## Capture Antibody Information

Catalog Number:	86791-3-PBS	Clone ID:	251696A4
Host:	Rabbit	Reactivity:	human
Isotype:	IgG	GenBank:	BC096165
Purification Method:	Protein A purification	Immunogen Catalog Number:	Ag16365

## Detection Antibody Information

Catalog Number:	86791-2-PBS	Clone ID:	251696G10
Host:	Rabbit	Reactivity:	human
Isotype:	IgG	GenBank:	BC096165
Purification Method:	Protein A purification	Immunogen Catalog Number:	Ag16365

## Applications

Tested Applications:	Cytometric bead array	Range:	0.781-100 ng/mL (Cytometric Bead Array)
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Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP03132-1 targets Cardiac Troponin I in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Cardiac Troponin I Recombinant monoclonal antibody, PBS Only (Capture) 86791-3-PBS (251696A4). 100  $\mu$ g. Concentration 1 mg/ml.

Detection antibody: Cardiac Troponin I Recombinant monoclonal antibody, PBS Only (Detector) 86791-2-PBS (251696G10). 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:

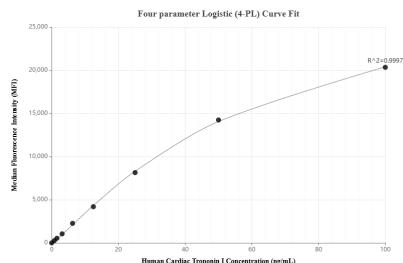
T: 406900926

E: Proteintech-CN@ptgcn.com

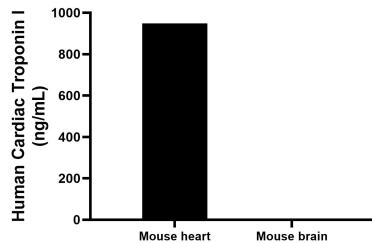
W: ptgcn.com

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

## Selected Validation Data



Cytometric bead array standard curve of MP03132-1, Cardiac Troponin I Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86791-3-PBS. Detection antibody: 86791-2-PBS. Standard: Ag16365. Range: 0.781-100 ng/mL



The mean Cardiac Troponin I concentration was determined to be 948.1 ng/mL in mouse heart tissue extract based on a 5.4 mg/mL extract load, mouse brain tissue extract were served as a negative control.