

Cardiac Troponin I Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03132-1**

Capture Antibody Information

Catalog Number: 86791-3-PBS	Clone ID: 251696A4	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: troponin I type 3 (cardiac)
Isotype: IgG	GenBank: BC096165	Gene ID: 7137
Purification Method: Protein A purification	Immunogen Catalog Number: Ag16365	

Detection Antibody Information

Catalog Number: 86791-2-PBS	Clone ID: 251696G10	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: troponin I type 3 (cardiac)
Isotype: IgG	GenBank: BC096165	Gene ID: 7137
Purification Method: Protein A purification	Immunogen Catalog Number: Ag16365	

Applications

Tested Applications: Cytometric bead array	Range: 0.781-100 ng/mL (Cytometric Bead Array)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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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 μ g. Concentration 1 mg/mL.

Detection antibody: Cardiac Troponin I Recombinant monoclonal antibody, PBS Only (Detector) 86791-2-PBS (251696G10). 100 μ 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.

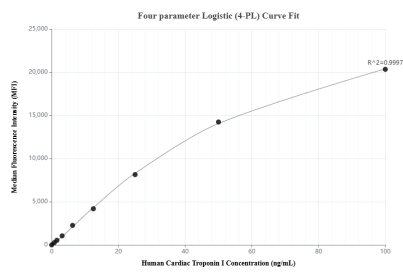
Antibody use should be optimized for each application and assay.

Storage

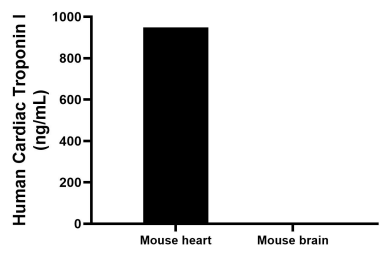
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

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.