

For Research Use Only

# Cardiac Troponin I Monoclonal antibody, PBS Only (Capture)

Catalog Number: 66376-2-PBS



## Basic Information

<b>Catalog Number:</b> 66376-2-PBS	<b>GenBank Accession Number:</b> BC096165	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7137	<b>CloneNo.:</b> 1C5E8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P19429	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> troponin I type 3 (cardiac)	
<b>Immunogen Catalog Number:</b> AG16758	<b>Calculated MW:</b> 210 aa, 24 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

66376-2-PBS targets Cardiac Troponin I as part of a matched antibody pair.

MP51198-1: 66376-2-PBS capture and 66376-1-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

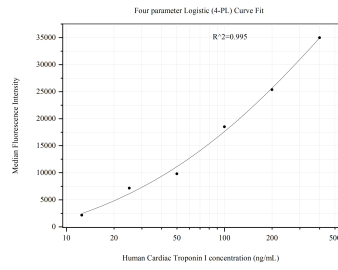
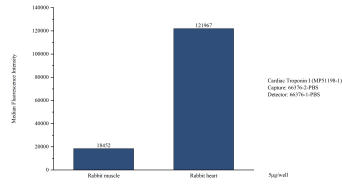
**Storage:**  
Store at -80°C.

**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)

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## Selected Validation Data



Cytometric bead array in cell lysate using MP51198-1, Cardiac Troponin I Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66376-2-PBS. Detection antibody: 66376-1-PBS. Cell lysate: Rabbit muscle, Rabbit heart.

Cytometric bead array standard curve of MP51198-1, Cardiac Troponin I Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66376-2-PBS. Detection antibody: 66376-1-PBS. Standard: Ag16758. Range: 12.5-400 ng/mL.