For Research Use Only

Cardiac Troponin I Monoclonal antibody, PBS Only (Capture)

Catalog Number:66376-2-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
66376-2-PBS

Concentration:
1 mg/ml

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG16758

GenBank Accession Number:
BC096165

GeneID (NCBI):
7137

UNIPROT ID:
P19429

Full Name:
troponin I type 3 (cardiac)

Calculated MW:
210 aa, 24 kDa

Purification Method:
Protein A purification

CloneNo.:
1C5E8

Applications

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

Species Specificity:
human

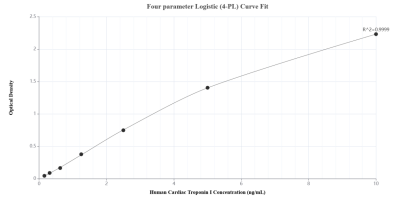
Background Information

Storage

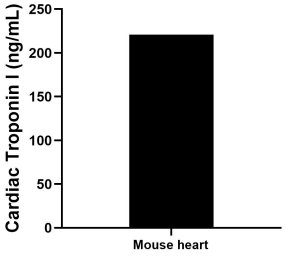
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

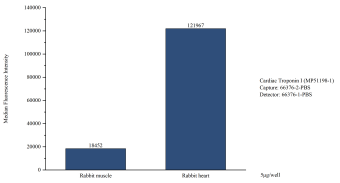
Selected Validation Data



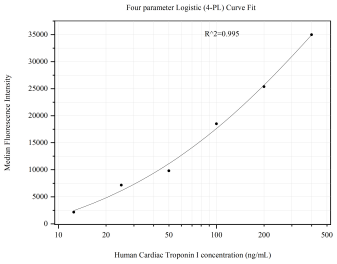
Sandwich ELISA standard curve of MP51198-1, Human Cardiac Troponin I Monoclonal Matched Antibody Pair - PBS only. 66376-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag16758. 66376-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



The mean Cardiac Troponin I concentration was determined to be 220.78 ng/mL in mouse heart tissue extract based on a 7.10 mg/mL extract load.



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.