

For Research Use Only

# cTnT Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 81638-2-PBS



## Basic Information

Catalog Number:

81638-2-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7716

GenBank Accession Number:

BC002653

GeneID (NCBI):

7139

UNIPROT ID:

P45379

Full Name:

troponin T type 2 (cardiac)

Calculated MW:

36 kDa

Purification Method:

Protein A purification

CloneNo.:

250230E1

## Applications

Tested Applications:

IHC, IF/ICC, Sandwich ELISA, Indirect ELISA

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](mailto:Proteintech-CN@ptglab.com)

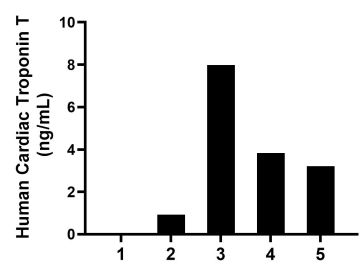
W: [ptgcn.com](http://ptgcn.com)

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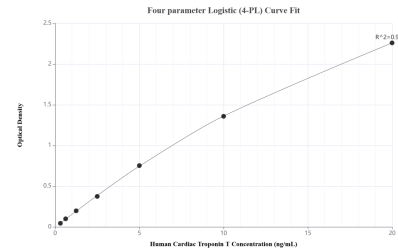
## Selected Validation Data



The mean Cardiac Troponin T concentration was determined to be 1,168.00 ng/mL in mouse heart extract based on a 5.40 mg/mL extract load and 39.40 ng/mL in mouse testis extract based on a 1.10 mg/mL extract load.



Plasma of five individual healthy human donors was measured. The Cardiac Troponin T concentration of detected samples was determined to be 3.99 ng/mL with a range of ND-7.98 ng/mL.



Sandwich ELISA standard curve of MP03143-1, Human Cardiac Troponin T Recombinant Matched Antibody Pair - PBS only. 81638-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7716. 81638-2-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL