

For Research Use Only

cTnT Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 81638-6-PBS



Basic Information

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|---|--|---|
| Catalog Number: 81638-6-PBS | GenBank Accession Number: BC002653 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 7139 | CloneNo.: 250230H5 |
| Source: Rabbit | UNIPROT ID: P45379 | |
| Isotype: IgG | Full Name: troponin T type 2 (cardiac) | |
| Immunogen Catalog Number: AG7716 | Calculated MW: 36 kDa | |

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

81638-6-PBS targets cTnT as part of a matched antibody pair:

MP03143-1: 81638-6-PBS capture and 81638-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

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, pH7.3

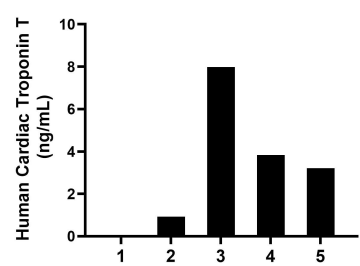
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

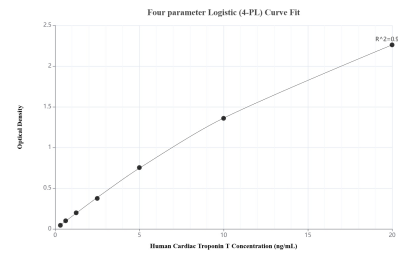
Selected Validation Data



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