For Research Use Only

TNNC1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87315-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
87315-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG4339

GenBank Accession Number:
BC030244

GeneID (NCBI):
7134

UNIPROT ID:
P63316

Full Name:
troponin C type 1 (slow)

Calculated MW:
161 aa, 18 kDa

Purification Method:
Protein A purification

CloneNo.:
252146B2

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87315-2-PBS targets TNNC1 as part of a matched antibody pair:

MP02937-1: 87315-2-PBS capture and 87315-1-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.

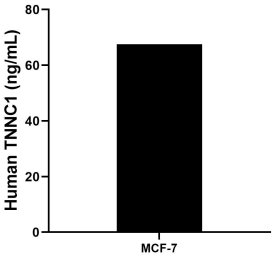
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

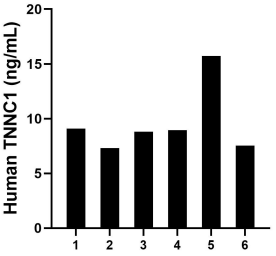
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

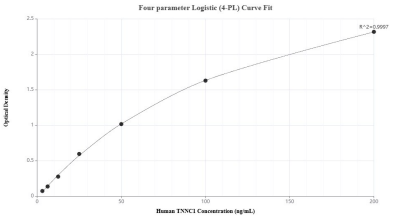
Selected Validation Data



The mean TNNC1 concentration was determined to be 67.53 ng/mL in C6 cell extract based on a 1.2 mg/mL extract load.



Plasma of six individual healthy human donors was measured. The human TNNC1 concentration of detected samples was determined to be 9.57 ng/mL with a range of 7.32 - 15.72 ng/mL.



Sandwich ELISA standard curve of MP02937-1, Human TNNC1 Recombinant Matched Antibody Pair - PBS only. 87315-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4339. 87315-1-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL