For Research Use Only

TNNC1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02937-1

proteintech®
Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
87315-2-PBS

Clone ID:
252146B2

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
troponin C type 1 (slow)

Isotype:
IgG

Immunogen Catalog Number:
Ag4339

Gene ID:
7134

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
87315-1-PBS

Clone ID:
252146D4

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
troponin C type 1 (slow)

Isotype:
IgG

GenBank:
BC030244

Gene ID:
7134

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag4339

Applications

Tested Applications:
Sandwich ELISA

Range:
3.13-200 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02937-1 targets TNNC1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TNNC1 Recombinant monoclonal antibody, PBS Only (Capture) 87315-2-PBS (252146B2). 100 µg. Concentration 1 mg/ml.

Detection antibody: TNNC1 Recombinant monoclonal antibody, PBS Only (Detector) 87315-1-PBS (252146D4). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

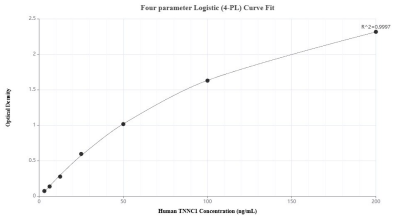
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

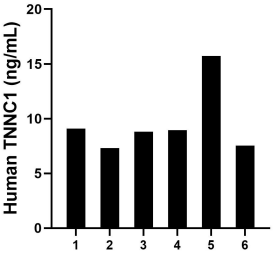
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

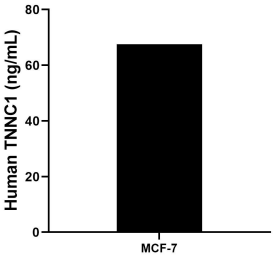
Selected Validation Data



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



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.



The mean TNNC1 concentration was determined to be 67.53 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.