

## Anti-TNNT2 antibody (199-298) [S5MR] (STJ11102195)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

### PRODUCT PROPERTIES

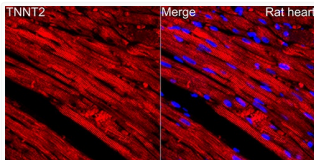
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 36kDa Observed Mw: 36kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

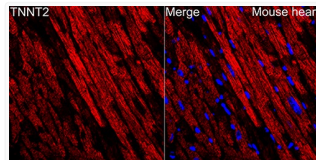
Gene ID	<a href="#">7139</a>
Gene Symbol	<a href="#">TNNT2</a>
UniProt ID	<a href="#">TNNT2_HUMAN</a>
Immunogen Region	199-298
Immunogen Sequence	QKQAQTERKSGKRQTEREKK KKILAERRKVLAIIDLHEDQ LREKAKELWQSIYNLEAEKF DLQEKFKQKYEINVLNRNI NDNQKVKSTRGKAKVTGRWK
Specificity	A synthetic peptide corresponding to a sequence within amino acids 199-298 of human Cardiac troponin T (TNNT2) (P45379).

### ADDITIONAL INFORMATION

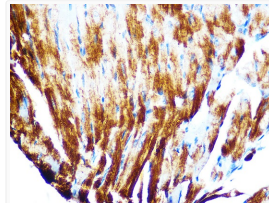
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



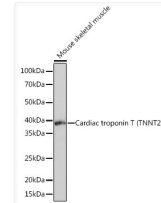
Immunofluorescence analysis of rat heart using Cardiac troponin T (TNNT2) Rabbit monoclonal antibody (STJ11102195) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse heart using Cardiac troponin T (TNNT2) Rabbit monoclonal antibody (STJ11102195) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse heart using Cardiac troponin T (TNNT2) Rabbit monoclonal antibody (STJ11102195) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of Mouse skeletal muscle, using Cardiac troponin T (TNNT2) Rabbit monoclonal antibody (STJ11102195) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.