

Anti-TNNI2 antibody (83-182) [S4MR] (STJ11102144)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

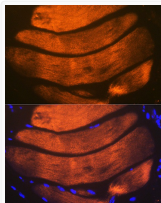
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 21kDa Observed Mw: 21kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

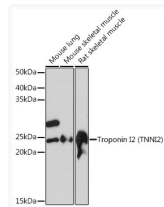
Gene ID	7136
Gene Symbol	TNNI2
UniProt ID	TNNI2_HUMAN
Immunogen Region	83-182
Immunogen Sequence	EVRVQKTSKELEDMNQKLFDRGKFKRPPLRRVRMSADAM LKALLGSKHKVCMDLRANLK QVKKEDTEKERDLRDVGDWR KNIEEKSGMEGRKKMFESES
Specificity	A synthetic peptide corresponding to a sequence within amino acids 83-182 of human Troponin I2 (Troponin I2 (TNNI2)) (P48788).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of mouse bone marrow using Troponin I2 (Troponin I2 (TNNI2)) Rabbit monoclonal antibody (STJ11102144) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using Troponin I2 (Troponin I2 (TNNI2)) Rabbit monoclonal antibody (STJ11102144) at 1:1000 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.