

Anti-TNNI1 Antibody (4R883)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 22 kDa. Actual: 22 kDa.
Clone:	4R883
Purification:	Protein A purified

Applications

Verified Activity:	<ol style="list-style-type: none">1. Western blot analysis of Human fetal heart lysate. Using TNNI1 (TMAB-13651) monoclonal antibody at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.2. Paraformaldehyde-fixed, paraffin embedded Human Skeletal muscle; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TNNI1 Monoclonal Antibody, Unconjugated (TMAB-13651) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.3. (Negative control) Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TNNI1 Monoclonal Antibody, Unconjugated (TMAB-13651) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
Application:	IF,IHC-Fr,IHC-P,IP,WB
Recommended	IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; IP=1:20-50; WB=1:1000-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human TNNI1
Antigen Species:	Human
Gene ID:	7135
Uniprot ID:	P19237

Research Background

Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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