

Rabbit Anti-Troponin T, Cardiac Muscle (TNNT2) [EP108]: RM0192

Intended Use: For Research Use Only

Description: Troponin is a complex of three regulatory proteins (Troponin I, Troponin T and Troponin C) that is integral to muscle contraction in skeletal and cardiac muscle, but not smooth muscle. Troponin T type 2 (TNNT2) is a cardiac Troponin T isoform expressed in the human heart, which is essential for calcium-regulated myofibrillar ATPase activity. Troponin T (TnT) anchors the complex to thin filaments in vertebrate striated muscle, and it functions as a regulatory system for muscle contraction in response to changes to intracellular calcium ion concentrations.

Specifications

Clone: EP108
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm
Formulation: Tissue culture supernatant in PBS pH7.5, containing 0.2% BSA, 15mM sodium azide (NaN₃)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
Troponin T, Cardiac Muscle (TNNT2) Concentrated	RM0192	1 ml

IHC Procedure

Positive Control Tissue: Cardiac muscle
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual
* Result should be confirmed by an established diagnostic procedure.