



# Rabbit Anti-Human Cardiac Troponin T monoclonal antibody, clone 28I9M24 (CABT-L1639)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	TNNT2
<b>Immunogen</b>	human TNNT2
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	28I9M24
<b>Purification</b>	Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	4°C

## BACKGROUND

**Introduction** Troponin T is a thin filament regulatory protein of striated muscle that binds to troponin C and I and to tropomyosin and is required for calcium-dependent ATPase activity of myofibrillar proteins. It is important in proper muscle function and myofibril formation. In the human heart, four cTnT isoforms are expressed in a developmentally regulated manner. This expression in the human heart is affected by heart failure.

**Keywords** TNNT2;troponin T type 2 (cardiac);CMH2;RCM3;TnTC;cTnT;CMPD2;LVNC6;MGC3889;troponin T, cardiac muscle

## GENE INFORMATION

Entrez Gene ID [7139](#)

UniProt ID [P45379](#)