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## anti-TNNC1 antibody (AA 1-161)





#### Overview

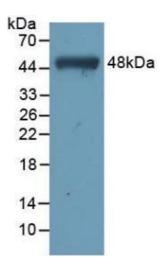
Quantity:	100 μL
Target:	TNNC1
Binding Specificity:	AA 1-161
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### **Product Details**

Purpose:	Monoclonal Antibody to Troponin C Type 1, Slow (TNNC1)
Immunogen:	Recombinant Troponin C Type 1, Slow (TNNC1) corresdonding to Met1~Glu161 with N-terminal His and GST Tag
Clone:	C5
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against TNNC1. It has been selected for its ability to recognize TNNC1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

### **Target Details**

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Target:	TNNC1
Alternative Name:	Troponin C Type 1, Slow (TNNC1 Products)
Background:	TNC, TroponinC, Cardiac, Troponin C, slow skeletal and cardiac muscles
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### **Western Blotting**

**Image 1.** Detection of Recombinant TNNC1, Human using Monoclonal Antibody to Troponin C Type 1, Slow (TNNC1)