

Rev01  
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**DATASHEET**

# Troponin I Antibody, mAb, Rabbit

Cat. No.: A02973

## Overview

<b>Specificity</b>	This product is specific to Troponin I
<b>Host Species</b>	Rabbit
<b>Immunogen</b>	A synthesized peptide derived from human Troponin I
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated

## Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

<b>Application</b>	<b>Recommended Usage</b>
Western Blot	1:1000-1:5000
Immunohistochemistry (IHC)	1:100-1:200
Immunocytochemistry/Immunofluorescence (ICC/IF)	1:50-1:200
Immunohistochemistry Frozen (IHF)	1:50-1:200
Immunoprecipitation (IP)	1:20-1:50

## Properties

<b>Form</b>	Liquid
<b>Storage Buffer</b>	Supplied in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage Instructions</b>	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.

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<b>Purification</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal

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## Background

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

**Synonyms :** TNNC1; Troponin I; cardiac muscle; Cardiac troponin I; TNNI3; CMD2A;

**For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.**

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