



Magic™ Anti-Troponin C monoclonal antibody, clone N6003033 (DCABY-4649)

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

PRODUCT INFORMATION

Specificity	Human
Immunogen	Troponin C antibody was raised in mouse using human TnC as the immunogen.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	N6003033
Purification	Troponin C antibody was purified by chromatography on protein A Sepharose.
Conjugate	Unconjugated
Applications	ELISA Pr*, WB Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4649 - DCABY-4651
Format	Liquid
Size	1 mg
Buffer	Protein A purified IgG supplied in PBS, pH 7.4, 0.1 % NaN3.
Preservative	0.1% Sodium Azide
Storage	Store at 4 °C

BACKGROUND

Introduction

Troponin C is a part of the troponin complex. It contains four calcium-binding EF hands. It is a component of thin filaments (along with actin and tropomyosin). It contains an N lobe and a C lobe. The C lobe serves a structural purpose and binds to the N domain of TnI. The C lobe can bind either Ca²⁺ or Mg²⁺. The tissue specific subtypes are slow troponin C, and fast troponin C.

Keywords

Troponin C (Cardiac);

GENE INFORMATION

Entrez Gene ID

[7134](#)

UniProt ID

[P63316](#)