

Anti-Cardiac Troponin I Antibody [31D]

Cat. NO. bc30030

Size: 0.2mg, 1mg, 10mg

Target: Human Cardiac Troponin I

Clone: 31D

Isotype: IgG1

Format: Unconjugated, Unmodified

Applications: ELISA, CLIA, TRFIA

Description: Cardiac Troponin I (cTnI) is synthesized in cardiac muscle and forms a structural complex with Troponin T and C. Its concentration in blood increases after the onset of chest pain and maintains peak for a couple of weeks. The cTnI protein is considered as useful diagnosis marker for acute myocardial infarction (AMI).

Overview

Product name	Anti-Cardiac Troponin I antibody [31D]
Description	Mouse monoclonal [31D] to Cardiac Troponin I
Host species	Mouse
Species reactivity	Human cTnI No cross-reactivity with human cTnT
Production	Cultured in vitro under conditions free from animal-derived components

Properties

Form	Liquid
Storage instructions	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles
Storage buffer	PBS, pH 7.4, containing 0.03% Proclin 300 50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% Proclin 300
Concentration	2 mg/ml
Purity	Protein A/G affinity column
Clonality	Monoclonal

Application

Platform	Capture	Detection
ELISA	32CD	5C7
	32CD+6D11	5C7
	31D	32CD
	5C7	6D11
CLIA	24E40HC	5C7HC
	32CD+6D11	5C7HC
TRFIA	24E40HC	5C7HC

Related Product

Cat. No.	Product	Clone
bc30025	Anti- Cardiac Troponin I Antibody [5C7] mAb, Mouse	5C7
bc30026	Anti- Cardiac Troponin I Antibody [6D11] mAb, Mouse	6D11
bc30027	Anti- Cardiac Troponin I Antibody [32CD] mAb, Mouse	32CD
bc30030	Anti- Cardiac Troponin I Antibody [31D] mAb, Mouse	31D
bc30028	Anti- Cardiac Troponin I Antibody [5C7HC] rAb, human	5C7HC
bc30029	Anti- Cardiac Troponin I Antibody [24E40HC] rAb, human	24E40HC



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