

Monoclonal Anti-human Cardiac Troponin I (cTn I)

Specification Sheet

Catalog #:	MT012
Lot #:	D3010
Description:	Mab to human cTn I
Specificity:	This antibody is specific to human cTn I
Clone:	1E4A11
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG1
Source:	Mouse ascites
Immunogen:	human cTn I
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	1.85 mg/ml (OD280 nm, $E^{0.1\%} = 1.40$)
Affinity Constant:	Not determined
Buffer:	0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ , pH7.2
Pairing Assays:	Pairs with MT011, MT013 and MT017
Purity:	>95% by HPLC and SDS-PAGE
Application:	For human cTn I quantitative assays by EIA
Storage:	2-8° C for 1 year. Long-term store at -20° C

For research use only