



Meridian
Life Science, Inc.
Innovative Solutions. Trusted Partner.®

5171 Wilfong Road
Memphis, TN 38134
USA
Telephone: 901-382-8716
Fax: 901-333-8223
Email: info@meridianlifescience.com
www.MeridianLifeScience.com

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: H86004M **Lot #:** 10J28617

Description: MAb to Troponin I-Cardiac
Monoclonal Antibody to Troponin I-Cardiac (cTnI)

Specificity: Reacts equally with free cardiac troponin I (cTnI) and cTnI forming complexes with other troponin components. Not affected by heparin, phosphorylation, oxidation and troponin complex formation. Recognizes an epitope located between amino acid residues 190 and 196 of cTnI. No cross-reaction with skeletal muscle troponin I.

Host Animal: Mouse **Isotype:** IgG1

Source: Ascites

Immunogen: Free human cardiac troponin and/ or native troponin complex.

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography

Concentration: 4.3 mg/mL (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in Troponin I Immunoassay, Immunoprecipitation, Immunohistochemistry, Troponin I Immunoaffinity purification and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application.

Storage: Short term 2–8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Dunn

13Oct2017

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY