



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 #: H86228M **Lot #:** 6E13414

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

Specificity: Reacts equally with free cardiac troponin I (cTnI) and cTnI forming complexes with other troponin components. Not affected by heparin, phosphorylation and oxidation. Recognizes an epitope located between amino acid residues 26 and 35 of cTnI. No cross-reactivity with skeletal muscle troponin I.

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice. **Isotype:** IgG₁

Source: Ascites

Immunogen: Mixture of cTnI and cTnI in native complex.

Format: Purified, Liquid

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

Concentration: 6.9 mg/mL (OD280nm, E^{0.1%} = 1.4)

Affinity Constant: Not Determined

Buffer: PBS, pH 7.4

Preservative: 0.1% Sodium Azide

Applications: Troponin I immunoassay, immunoprecipitation, immunohistochemistry, immunoaffinity purification and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2-8°C.

Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

Signature

15 Sept 2015

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY