



**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](mailto:info@meridianlifescience.com)  
[www.MeridianLifeScience.com](http://www.MeridianLifeScience.com)

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** H01342M **Lot #:** n/a

**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, oxidation and troponin complex formation. Recognizes an epitope located between amino acid residues 86-90 of cTnI. No cross-reaction with skeletal muscle troponin I.

**Clone:** B1572M

**Host Animal:** Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG<sub>1</sub>

**Source:** Cell Culture

**Immunogen:** Native troponin complex.

**Format:** Purified, Liquid **Exp. Date:** N/A

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

**Concentration:** (Lot Specific) mg/mL (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.4)

**Buffer:** PBS, pH 7.4

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in Troponin I EIA 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

30 April 2014  
Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**