

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** H86625M **Lot #:** 11L35114

**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 169 and 178 of cTnI. No cross-reactivity with skeletal muscle troponin I.

**Host Animal:** Mouse **Isotype:** IgG<sub>1</sub>

**Source:** Ascites

**Immunogen:** Mixture of cTnI and cTnI in native complex.

**Format:** Purified, Liquid

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

**Concentration:** 7.6 mg/mL (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.4)

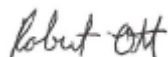
**Buffer:** PBS, pH 7.4

**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

18 Sept 2015

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**