

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** H01246M **Lot #:** 6I26515

**Description:** MAb to Troponin I-Cardiac  
Monoclonal Antibody to Troponin I-Cardiac (a.a. 65-74)

**Specificity:** Reacts with free cardiac troponin I (cTnI). Does not react with cTnI forming complexes with other troponin components. Not affected by phosphorylation. Recognizes an epitope between amino acid residues 65 and 74 of cTnI. No crossreactivity with skeletal muscle cTnI. Reactive with cTnI from human, bovine, porcine, goat, canine, cat, rat and mouse.

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

**Source:** Ascites

**Immunogen:** Free human cTnI and native human cTn complex.

**Format:** Purified, Liquid

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

**Concentration:** 6.8 mg/mL (OD280nm, E<sup>0.1</sup>% = 1.4)

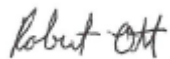
**Buffer:** PBS, pH 7.4

**Preservative:** 0.09% Sodium Azide

**Applications:** Suitable for use in cTnI Immunoassay, cTnI 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

23 Sep 2015

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**