Meridian Life Science,® Inc.
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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_1

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, $E^{0.1}\% = 1.4$)

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.

Robert Ott

Signature

23 Sep 2015
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY