



Meridian
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CERTIFICATE OF ANALYSIS

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

Catalog #: H86055M **Lot #:** 31I26515

Description: MAb to Troponin I-Cardiac
Monoclonal Antibody to Troponin I-Cardiac (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 27 and 43 of cTnI. Reactive with cTnI from human, monkey, mouse, rat, canine, rabbit and bovine.

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

Source: Ascites

Immunogen: Free human cardiac troponin and/or native troponin complex.

Format: Purified, Liquid

Purification: > 90% pure. Protein A Sepharose Chromatography. Purity is tested by electrophoresis.

Concentration: 5.3 mg/mL (OD280nm, E 0.1% = 1.4)

Buffer: PBS, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Troponin I Immunoassay and troponin I Immunoaffinity purification. Works in Western Blotting. 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