



Meridian
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CERTIFICATE OF ANALYSIS

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

Catalog #: H86307B **Lot #:** 17J27915

Description: MAb to Troponin I-Cardiac
Monoclonal Antibody to Human Cardiac Troponin I (cTnI)
Biotin Conjugated

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 25 and 40 of cTnI. No cross-reactivity with skeletal muscle troponin I.

Host Animal: Mouse. **Isotype:** IgG₁

Source: Ascites

Immunogen: Native troponin complex.

Format: Biotin, Liquid

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

Concentration: 1.7 mg/mL (OD_{280nm}, E^{0.1%} = 1.4)

Buffer: 20 mM Tris-HCl, pH 7.5 containing 150 mM Sodium Chloride.

Preservative: 0.09% Sodium Azide

Applications: Specific methodologies have not been tested using this product.

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

07 Oct 2015

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY