



Meridian

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CERTIFICATE OF ANALYSIS

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

Catalog #: H86458M **Lot #:** 8A00417

Description: MAb to Troponin I-Cardiac
Monoclonal Antibody to Troponin I-Cardiac (169-178 Region)

Specificity: Reacts equally with free cardiac troponin I (cTnI) and cTnI forming complexes with other troponin components (in the presence of 5 mM EDTA). 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. Hybridization of Sp 2/0 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgM

Source: Ascites

Immunogen: Free Human Cardiac Troponin I

Format: Purified, Liquid

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

Concentration: 1.9 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: PBS, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in Troponin I Immunoassay, Troponin I 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. Recommended pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
H86465M	H86458M
H86228M + H86465M	H86458M + H86207M

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

04 Jan 2017

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY