



Meridian
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CERTIFICATE OF ANALYSIS

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

Catalog #: H86307M **Lot #:** 9J28617

Description: MAb to Troponin I-Cardiac
Monoclonal Antibody to Human Cardiac Troponin I (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 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: Purified, Liquid

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

Concentration: 6.2 mg/mL (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Troponin I immunoassay, immunoaffinity purification and Western blotting. Suitable for use in immunochromatographic applications. 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.

Safety Notes (s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Dunn

13Oct2017

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY