

CERTIFICATE OF ANALYSIS

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

Catalog #: H86280M **Lot #:** 6L34921

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, oxidation and troponin complex formation. Recognizes an epitope located between amino acid residues 23 and 29 of cTnI. No cross-reactivity with skeletal muscle troponin I. Reactive with cTnI from human, bovine, porcine, goat, canine, rabbit, feline, rat and mouse. Not reactive with cTnI from fish.

Host Animal: Mouse **Isotype:** IgG_{2a}

Immunogen: Native troponin complex.

Format: Purified, Liquid

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

Concentration: 4.7 mg/mL (OD_{280nm}, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered, pH 7.4

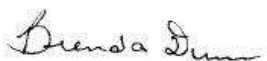
Preservative: 0.09% Sodium Azide

Application: Troponin I Immunoassay, 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.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional

Quality Signature:



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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY