

CERTIFICATE OF ANALYSIS

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

Catalog #: H86596M **Lot #:** 8F15821

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 169 and 178 of cTnI. Cross reactivity with skeletal Troponin I is < 10%.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Mixture of cTnI and cTnI in native complex.

Format: Purified, Liquid

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

Concentration: 2.9 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Troponin I Immunoassay, Immunoprecipitation, Immunohistochemistry, 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 information.

Quality Signature:



07 JUN 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY