

CERTIFICATE OF ANALYSIS

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

Catalog #: H01247M **Lot #:** 12K31108

Description: MAb to Troponin I-Cardiac
Monoclonal Antibody to Human Troponin I-Cardiac (a.a. 148-158)

Specificity: Reacts with free cardiac troponin I (cTnI). Reacts weakly with cTnI forming complexes with other troponin components. Not affected by phosphorylation. Recognizes an epitope located between amino acid residues 148 and 158 of cTnI. No cross-reactivity with skeletal muscle troponin I.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Free human cTnI and native human cTn complex.

Format: Purified, Liquid

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

Concentration: 4.3 mg/mL (Sigma Protein Assay Kit)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in cTnI Immunoassay, cTnI 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.

Beverly J. Orr

12 December 2018

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

003