

CERTIFICATE OF ANALYSIS

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

Catalog #: H86285M **Lot #:** 7F15821

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 86 and 90 of cTnI. No cross-reactivity with skeletal muscle troponin I. Reactive with cTnI from human, bovine, porcine, goat, canine, rabbit, and feline. Not reactive with cTnI from rat, mouse or fish.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Native Troponin Complex

Format: Purified, Liquid

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

Concentration: 6.0 mg/mL (OD_{280nm}, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide


Applications: Suitable for use in ELISA, 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>
H86285M	H01347M

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