

CERTIFICATE OF ANALYSIS

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

Catalog #: H86429M **Lot #:** 5J29422

Description: MAb to Troponin T-Cardiac
Monoclonal Antibody to Human Cardiac Troponin T (cTnT)

Specificity: Human cardiac troponin T. Recognizes an epitope located between amino acid residues 60 and 70 of cTnT. No cross-reactivity with human skeletal troponin T. Reactive with cTnT from human, bovine and chicken. Not reactive with cTnT from porcine, goat, canine, rabbit, feline, rat, mouse and fish.

Host Animal: Mouse **Isotype:** IgG₁

Immunogen: Free human cardiac Troponin T.

Format: Purified, Liquid

Purification: > 90% pure. Protein A Chromatography

Concentration: 4.8 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Troponin T immunoassay, troponin T immunoaffinity purification and Western blotting. 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 pair for transferrin detection by sandwich ELISA:

<u>Capture</u>	<u>Detection</u>
H86429M	H86111M
H86429M	H86906M
H86429M	H86519M

Storage: Store at 2-8°C.

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

Quality Signature: 

20 Oct 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY