

CERTIFICATE OF ANALYSIS

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

Catalog #: H01396M **Lot #:** 9C06121

Description: MAb to cTnI Chimeric
Monoclonal Antibody to Human Cardiac Troponin I (cTnI) (86 – 90 Region) Chimeric

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: This antibody is a recombinant chimeric full length antibody consisting of the variable domains from the mouse antibody (H86285M and H01343M) and the constant domains from the human antibody.

Source: Cell Culture in CHO Cell Line **Isotype:** IgG₁

Immunogen: Native Troponin Complex.

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE). Protein A Chromatography

Concentration: 5.3 mg/mL (OD280nm, 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, Immunoprecipitation 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>
H01340M	H01396M
H01395M	H01396M

Storage: Store at 2–8°C.

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

Bianca Gale

05 MAR 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY