

# BIOCHECK, INC.

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## PRODUCT SPECIFICATIONS

**Product Name:** Mouse Monoclonal Anti-Human Cardiac Specific Troponin I

**Catalog Number:** 70344 (TPC-110)

**Lot Number:**

**Quantity:** \_\_\_\_\_ mg (= \_\_\_\_\_ ml)

**Antibody Concentration ( $A_{280nm}$ ):** \_\_\_\_\_ mg/ml

**Subclass:** IgG1

**Product Form:** DEAE column chromatography purified immunoglobulin fraction in 0.015M  $KPO_4$  buffer, PH= 7.40 containing 0.85% NaCl, 0.1%  $NaN_3$ .

**Specificity:** Human Cardiac Specific Troponin I.

**Affinity Constant:**  $4 \times 10^{10}$  l/mol.

**Cross-Reactivity:** Not reactive to human skeletal muscle Troponin I, human skeletal Troponin T, human cardiac Troponin T, or human Troponin C.

**Storage:** At 2-8°C. Do Not Freeze. Precipitation may occur upon freezing.

**Suggested Use:** For solid phase coating or enzyme conjugation.

**Pairing Information:** This antibody pairs with Troponin I MoAb mixtures (TPC-6+TPC-102+TPC-302 2:2:1 w/w/w) in the Troponin I sandwich immunoassay.