

**BIOCHECK, INC.**  
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**PRODUCT SPECIFICATIONS**

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

**Catalog Number:** 70580

**Lot Number:**

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

**Antibody Concentration (A<sub>280nm</sub>):** \_\_\_\_\_ mg/ml

**Subclass:** IgG<sub>1</sub>

**Product Form:** Protein A column chromatography purified immunoglobulin fraction in 0.015M KPO<sub>4</sub> buffer, PH= 7.40 containing 0.85% NaCl, 0.1% NaN<sub>3</sub>.

**Specificity:** Human Troponin I, amino acid sequence N86-90.

**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 (capture) or enzyme conjugation (detection).

**Pairing Information:** This antibody pairs with mouse monoclonal anti-Troponin I (P/N: 70577) in the human-Troponini I sandwich immunoassay.