

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **CARDIAC TROPONIN I (2D10) MOUSE MAB**

Cat.#: N261482

**Product Name:** Anti-Cardiac Troponin I (2D10) Mouse Monoclonal Antibody **Synonyms:** TNNI3; TNNC1; Troponin I; cardiac muscle; Cardiac troponin I

**UNIPROT ID:** P19429

**Background:** Troponin I (TnI) is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle; see also TNNII (MIM 191042). The others are troponin T (TnT; see MIM 191041) and troponin C (TnC; see MIM 191040).

**Immunogen:** Synthetic peptides corresponding to the sequence of human

Cardiac Troponin I.

**Applications: WB,ELISA** 

**Recommended Dilutions:** WB: 1/500-1/1000 ELISA: 1/10000

Host Species: Mouse

**Clonality:** Mouse Monoclonal

Clone ID: 2D10-C5

MW: Calculated MW: 24 kDa; Observed MW: 28 kDa

Isotype: IgG2a

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

**Conjugation:** Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Cg2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

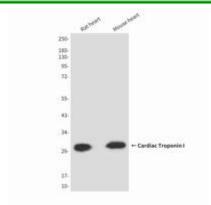
**Research Areas:** Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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Western blot analysis of Cardiac Troponin I (2D10) in rat and mouse heart lysates using Troponin I (2012952D10) antibody.