

CARDIAC TROPONIN I (4D3) MOUSE MAB

Cat.#: N261483

Product Name: Anti-Cardiac Troponin I (4D3) 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 TNNI1 (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: 4D3-F3

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

Isotype: IgG2a

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

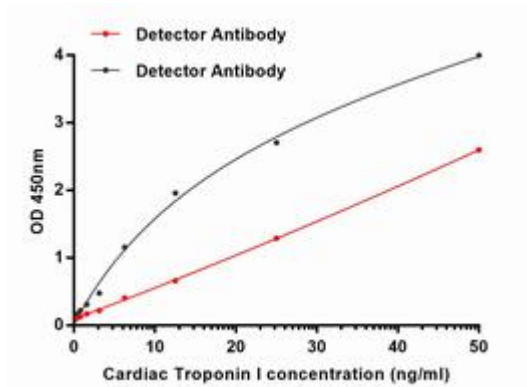
Conjugation: Unconjugated

Modification: Unmodified

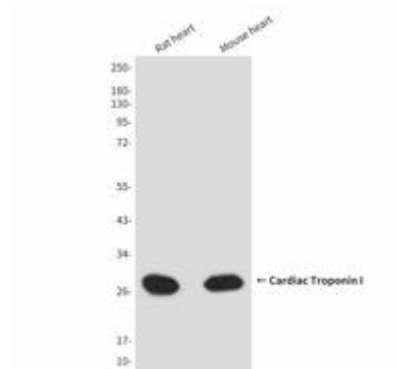
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

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



sELISA standard Curve for Cardiac Troponin I: Capture antibody to Cardiac Troponin I at 2ug/ml and 2012954D3(4D3F3) was used for detecting.



Western blot analysis of Cardiac Troponin I (4D3) in rat and mouse heart lysates using Troponin I (2012954D3) antibody.