

Product Name: Cardiac Troponin I Mouse Monoclonal Antibody
Catalog #: AMM85068



Summary

Production Name	Cardiac Troponin I Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Cardiac Troponin I
Alternative Names	TNNI3; TNNC1; Troponin I; cardiac muscle; Cardiac troponin I
Gene ID	7137.0
SwissProt ID	P19429.Synthetic peptides corresponding to the sequence of human Cardiac Troponin I.

Application

Dilution Ratio	WB:1:500-1:1000,ELISA:1:10000
Molecular Weight	Calculated MW: 24 kDa; Observed MW: 28 kDa

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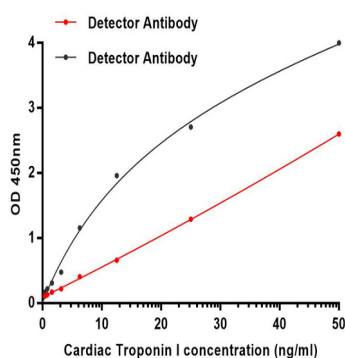


Background

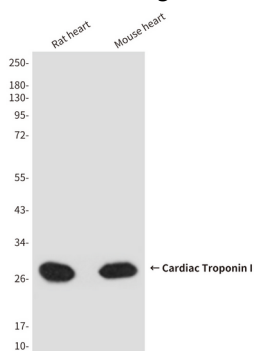
Troponin I (TnI) is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle; see also TNNI1 (MIM 191042). The others are troponin T (TnT; see MIM 191041) and troponin C (TnC; see MIM 191040).

Research Area

Image Data



sELISA standard Curve for Cardiac Troponin I: Capture antibody to Cardiac Troponin I at 2ug/ml and AMM85068 was used for detecting.



Western blot analysis of Cardiac Troponin I in rat and mouse heart lysates using Troponin I antibody.

Note

For research use only.