

Product Name: Cardiac Troponin I Mouse Monoclonal Antibody**Catalog #: AMM85067**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 24 kDa; Observed MW: 28 kDa

Antigen Information

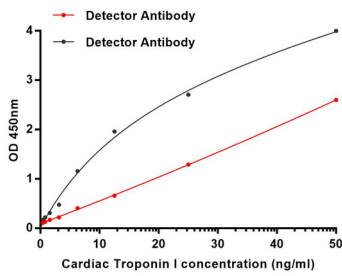
Gene Name	Cardiac Troponin I
Alternative Names	TNNI3; TNNC1; Troponin I; cardiac muscle; Cardiac troponin I
Gene ID	7137.0
SwissProt ID	P19429
Immunogen	Synthetic peptides corresponding to the sequence of human Cardiac Troponin I.

Background

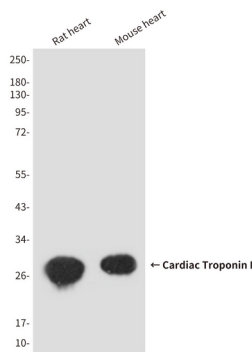
Troponin I (TnI) is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle; see also TNNI1 (MIM 191042). The others are troponin T (TnT; see MIM 191041) and troponin C (TnC; see MIM 191040).

Research Area

Image Data



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



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