

Product Name: Cardiac Troponin I (4D3) Mouse Monoclonal Antibody**Catalog #: AMM03687**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	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	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
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	TNNI3
Alternative Names	TNNI3; TNNC1; Troponin I; cardiac muscle; Cardiac troponin I
Gene ID	7137
SwissProt ID	P19429
Immunogen	A synthetic peptide of human Cardiac Troponin I

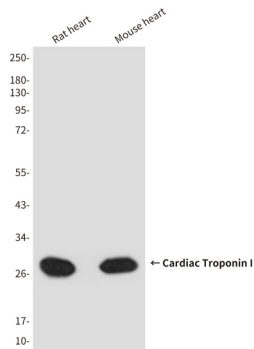
Background

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).

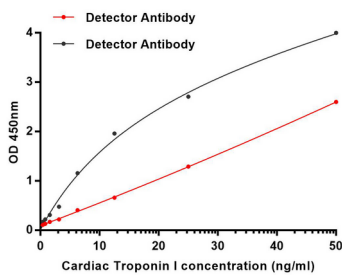
Research Area

Signal Transduction

Image Data



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



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