

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

Summary

Production Name	Cardiac Troponin I (4D3) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	TNNI3
Alternative Names	TNNI3; TNNC1; Troponin I; cardiac muscle; Cardiac troponin I
Gene ID	7137
SwissProt ID	P19429

Application

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

Background

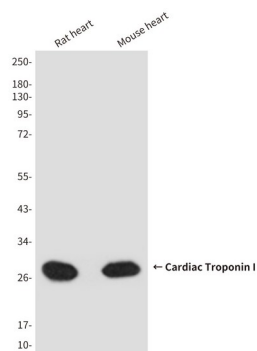
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Troponin I (TnI) is one of 3 subunits that form the troponin complex of the thin filaments of striated muscle; see also TNNI1 (MIM 191042). The others are troponin T (TnT; see MIM 191041) and troponin C (TnC; see MIM 191040).

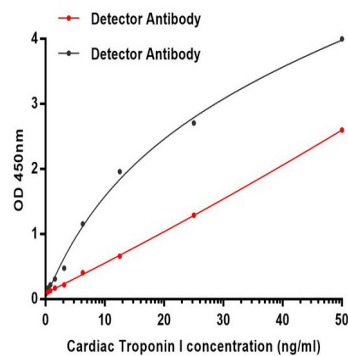
Research Area

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.

Note

For research use only.