

Troponin I-FS Mouse mAb

CatalogNo: YM0632

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- WB,IHC,IF,FC,ELISA

MW

- 21kD (Calculated)

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:200-1:1000

Flow Cyt 1:200-1:400

ELISA 1:10000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Monoclonal

Immunogen Information

Immunogen

Purified recombinant fragment of human Troponin I-FS expressed in E. Coli.

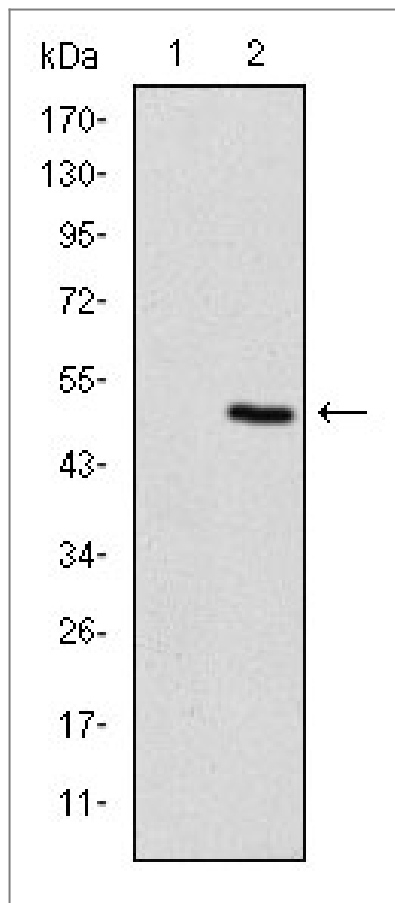
Specificity

Troponin I-FS Monoclonal Antibody detects endogenous levels of Troponin I-FS protein.

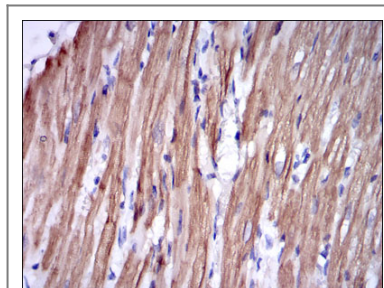
Target Information

Gene name	TNNI2		
Protein Name	Troponin I fast skeletal muscle		
	Organism	Gene ID	UniProt ID
	Human	7136 ;	P48788 ;
	Mouse		P13412 ;
Cellular Localization	nucleus,cytosol,troponin complex,		
Tissue specificity	Muscle,Skeletal muscle,		
Function	Caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,Disease:Defects in TNNI2 are a cause of distal arthrogryposis type 2B (DA2B) [MIM:601680]; also known as arthrogryposis multiplex congenita, distal, type 2B (AMCD2B). DA2B is a form of inherited multiple congenital contractures. Affected individuals have vertical talus, ulnar deviation in the hands, severe camptodactyly, and a distinctive face characterized by a triangular shape, prominent nasolabial folds, small mouth and a prominent chin.,Function:Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.,similarity:Belongs to the troponin I family.,subunit:Binds to actin and tropomyosin.,		

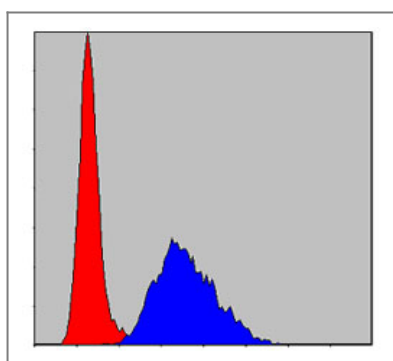
| Validation Data



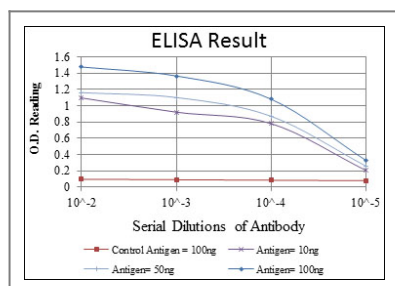
Western Blot analysis using Troponin I-FS Monoclonal Antibody against HEK293 (1) and TNNI2-hlgGfc transfected HEK293 (2) cell lysate.



Immunohistochemistry analysis of paraffin-embedded rabbit cardiac muscle tissues with DAB staining using Troponin I-FS Monoclonal Antibody.



Flow cytometric analysis of NIH/3T3 cells using Troponin I-FS Monoclonal Antibody (blue) and negative control (red).



| Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code
to access additional
product information:
**Troponin I-FS Mouse
mAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)