

TNNT2 monoclonal antibody

Catalog: MB23346

Host: Mouse

Reactivity: Human, Mouse

Background:

The protein encoded by this gene is the tropomyosin-binding subunit of the troponin complex, which is located on the thin filament of striated muscles and regulates muscle contraction in response to alterations in intracellular calcium ion concentration. Mutations in this gene have been associated with familial hypertrophic cardiomyopathy as well as with dilated cardiomyopathy. Transcripts for this gene undergo alternative splicing that results in many tissue-specific isoforms, however, the full-length nature of some of these variants has not yet been determined.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

35.9kDa

Swiss-Prot:

P45379

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

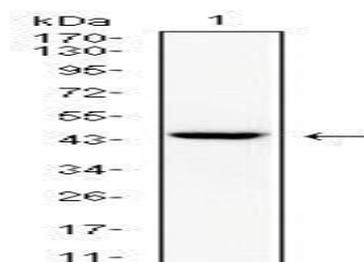
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

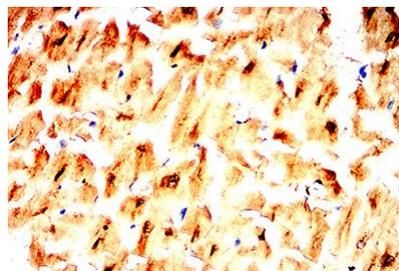
Isotype:

Mouse IgG1

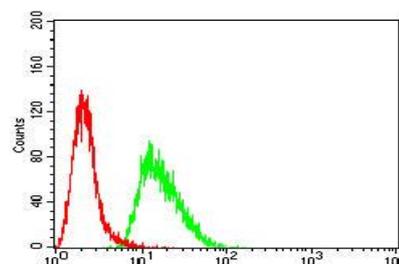
DATA:



Western blot analysis using TNNT2 mouse mAb against mouse heart (1) cell lysate.



Immunohistochemical analysis of paraffin-embedded human myocardium tissues using TNNT2 mouse mAb with DAB staining.



Flow cytometric analysis of Hale cells using TNNT2 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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