

TNNT2 monoclonal antibody

Catalog: MB9114

Host: Mouse

Reactivity: Human, Mouse

BackGround:

Troponin T is the tropomyosin-binding subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. Defects in TNNT2 are the cause of cardiomyopathy familial hypertrophic type 2 (CMH2), cardiomyopathy dilated type 1D (CMD1D) and cardiomyopathy familial restrictive type 3 (RCM3).

Product:

Mouse IgG2b, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

36 kDa

Swiss-Prot:

P45379(Human) P50752(Mouse)

Purification&Purity:

ProG affinity purified

Applications:

WB:1:500-1:1,000

ICC:1:50-1:200

IHC:1:50-1:200

Storage&Stability:

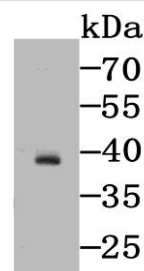
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

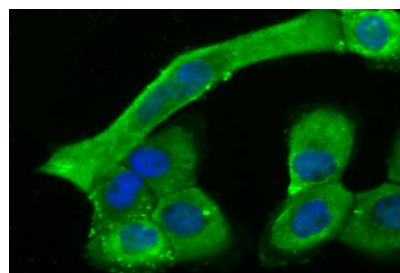
TNNT2 monoclonal antibody detects endogenous levels

of TNNT2 protein.

DATA:



Western blot analysis of Cardiac Troponin T on human heart tissue lysate using anti- Cardiac Troponin T antibody at 1/1,000 dilution.



ICC staining Cardiac Troponin T (green) in A431 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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