

TNNI2 Antibody (clone 2F12G2)
Mouse Monoclonal Antibody
Catalog # ALS16189**Specification**

TNNI2 Antibody (clone 2F12G2) - Product Information

Application	IHC, WB, IF
Primary Accession	P48788
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	21kDa KDa

TNNI2 Antibody (clone 2F12G2) - Additional Information**Gene ID** 7136**Other Names**

Troponin I, fast skeletal muscle, Troponin I, fast-twitch isoform, TNNI2

Target/Specificity

Human TNNI2

Reconstitution & Storage

Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions

TNNI2 Antibody (clone 2F12G2) is for research use only and not for use in diagnostic or therapeutic procedures.

TNNI2 Antibody (clone 2F12G2) - Protein Information**Name** TNNI2**Function**

Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

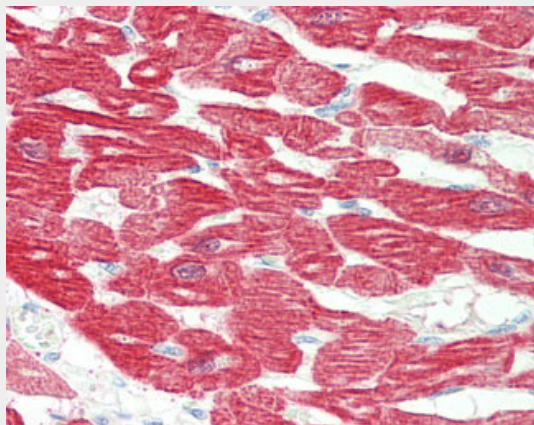
TNNI2 Antibody (clone 2F12G2) - Protocols

Provided below are standard protocols that you may find useful for product applications.

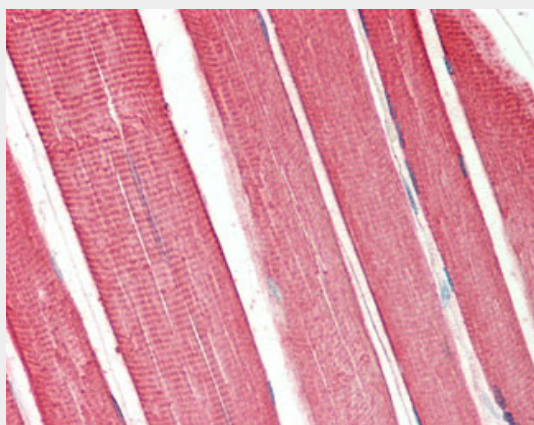
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

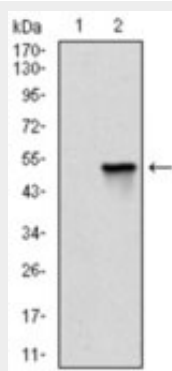
TNNI2 Antibody (clone 2F12G2) - Images



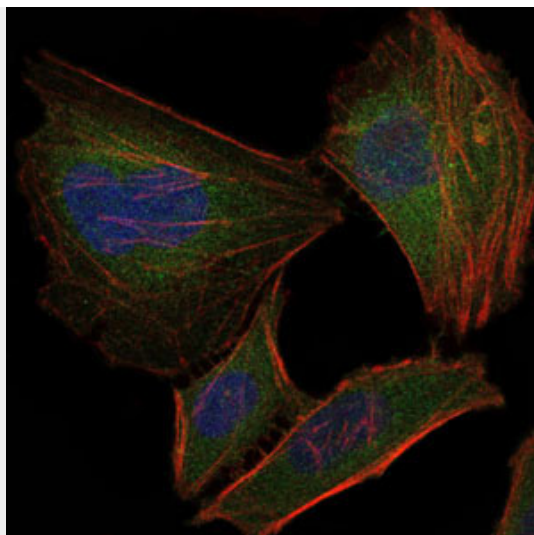
Anti-TNNI2 antibody IHC staining of human heart.



Anti-TNNI2 antibody IHC staining of human skeletal muscle.



Western blot using TNNI2 monoclonal antibody against HEK293 (1) and TNNI2 (AA: 1-182)-hlgGFC...



Immunofluorescence of HeLa cells using TNNI2 mouse monoclonal antibody (green).

TNNI2 Antibody (clone 2F12G2) - Background

Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

TNNI2 Antibody (clone 2F12G2) - References

Zhu L.,et al.Biochim. Biophys. Acta 1217:338-340(1994).
Mullen A.J.,et al.Gene 242:313-320(2000).
Taylor T.D.,et al.Nature 440:497-500(2006).
Sung S.S.,et al.Am. J. Hum. Genet. 72:681-690(2003).