

TPM3 Antibody (clone 2E4)
Mouse Monoclonal Antibody
Catalog # ALS15297**Specification**

TPM3 Antibody (clone 2E4) - Product Information

Application	IHC
Primary Accession	P06753
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	33kDa KDa

TPM3 Antibody (clone 2E4) - Additional Information**Gene ID** 7170**Other Names**

Tropomyosin alpha-3 chain, Gamma-tropomyosin, Tropomyosin-3, Tropomyosin-5, hTM5, TPM3

Target/Specificity

Human Tropomyosin Alpha-3

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

TPM3 Antibody (clone 2E4) is for research use only and not for use in diagnostic or therapeutic procedures.

TPM3 Antibody (clone 2E4) - Protein Information**Name** TPM3**Function**

Binds to actin filaments in muscle and non-muscle cells. Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments.

Cellular Location

Cytoplasm, cytoskeleton.

Volume

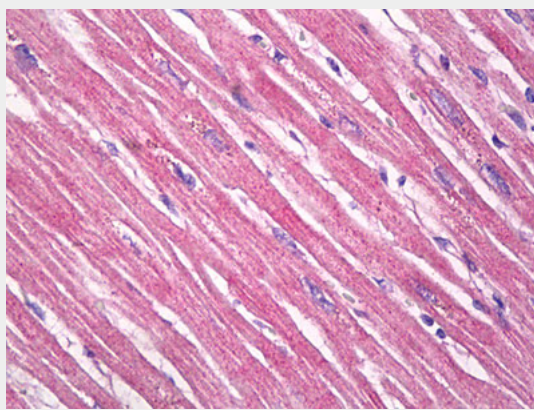
250 µl

TPM3 Antibody (clone 2E4) - 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](#)

TPM3 Antibody (clone 2E4) - Images



Anti-TPM3 antibody IHC of human heart.

TPM3 Antibody (clone 2E4) - Background

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TPM3 Antibody (clone 2E4) - References

- Reinach F.C.,et al.Nature 322:648-650(1986).
McLeod A.R.,et al.Nucleic Acids Res. 14:8413-8426(1986).
Clayton L.,et al.J. Mol. Biol. 201:507-515(1988).
Lin J.J.-C.,et al.Submitted (JUL-2000) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).