

**Product Name: TPM3 Mouse Monoclonal Antibody****Catalog #: AMM86033**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000
<b>Molecular Weight</b>	33.0kDa

**Antigen Information**

<b>Gene Name</b>	TPM3
<b>Alternative Names</b>	Tropomyosin alpha-3 chain, Gamma-tropomyosin, Tropomyosin-3, Tropomyosin-5, hTM5, TPM3
<b>Gene ID</b>	7170.0
<b>SwissProt ID</b>	P06753
<b>Immunogen</b>	This TPM3 antibody is generated from a mouse immunized with a recombinant protein of human TPM3.

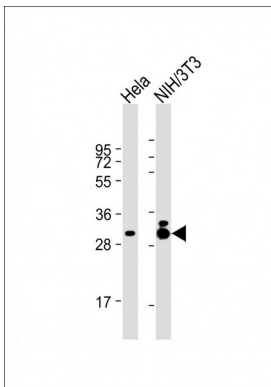
**Background**

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.

## Research Area

## Image Data



All lanes : Anti-TPM3 Antibody at 1:2000 dilution