

DATASHEET

Tropomyosin 3 Mouse Monoclonal Antibody(C3620)

CAT. NO. AMA03232

KEY FEATURES

Target	Tropomyosin 3	Source / Host	Mouse
Reactivity	Human, Mouse	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

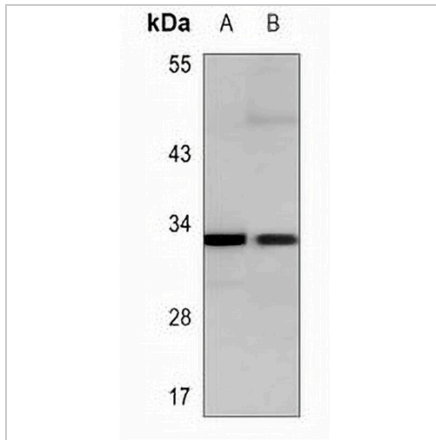
Description	Mouse monoclonal antibody to Tropomyosin 3
Specificity	Recognizes endogenous levels of Tropomyosin 3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Tropomyosin 3. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 32 kD; Observed: 33 kD
Form/Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Tropomyosin alpha-3 chain; Gamma-tropomyosin; Tropomyosin-3; Tropomyosin-5; hTM5
Gene Symbol	TPM3
Entrez Gene	7170(Human); 59069(Mouse)
SwissProt	P06753(Human); P21107(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**Tropomyosin 3 Mouse Monoclonal Antibody(C3620)**

CAT. NO. AMA03232

DATA

Western blot analysis of Tropomyosin 3 expression in HeLa (A), NIH3T3 (B) whole cell lysates. (Predicted band size: 32 kD; Observed band size: 33 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.