Tropomyosin Antibody, 36kD [clone TM228] (R30085)

Catalog No.	Formulation	Size
R30085	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rabbit, Chicken
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	TM228
Purity	Ascites
Applications	Western blot: 0.5-1ug/ml IHC (Frozen): 1-2ug/ml to detect in formalin or acetone fixed tissues
Limitations	This Tropomyosin antibody, 36kD is available for research use only.



Description

The tropomyosins are a family of actin filament binding proteins. These proteins were first isolated from skeletal muscle, but later identified in many nonmuscle tissues. Tropomyosins are ubiquitous proteins of 35 to 45 kD associated with the actin filaments of myofibrils and stress fibers. Vertebrates have at least 4 different tropomyosin genes; in humans, they are named TPM1, TPM2, TPM3, and TPM4. Tropomyosins expressed as different isoforms in muscle and non-muscle cells.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Tropomyosin antibody, 36kD may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Chicken gizzard tropomyosin was used as the immunogen for this Tropomyosin antibody, 36kD.

Storage

After reconstitution, the Tropomyosin antibody, 36kD can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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