

Datasheet for ABIN4914784

anti-TPM3 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	TPM3
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TPM3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TPM3 antibody is generated from a mouse immunized with a recombinant protein of human TPM3.
Clone:	9C3
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein G.

Target Details

Target:	TPM3
Alternative Name:	TPM3 (TPM3 Products)
Background:	Synonyms: TM3, TM5, TRK, CFTD, NEM1, TM-5, TM30, CAPM1, TM30nm, TPMsk3, hscp30,

Target Details

HEL-189, HEL-S-82p, OK/SW-cl.5, Tropomyosin alpha-3 chain, Gamma-tropomyosin, Tropomyosin-3, Tropomyosin-5, hTM5, 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.

Gene ID: 7170

UniProt: [P06753](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

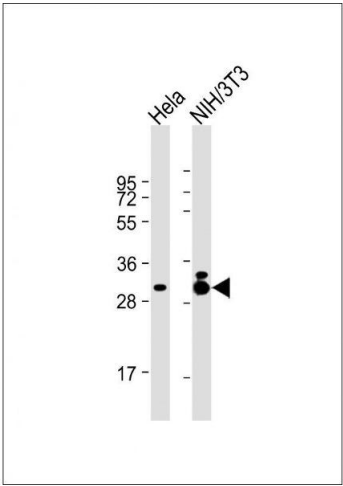
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Western Blotting

Image 1. Lane 1: HeLa, Lane 2: NIH/3T3 cell lysate at 20 µg per lane, probed with bsm-51362M TPM3 (1649CT306.29.13) Monoclonal Antibody at 1:2000 dilution and 4°C *overnight incubation, followed by secondary antibody incubation for 60min at room temperature.*