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39-1097: Anti-Tropomyosin (Sarcomeric) Monoclonal Antibody (Clone: CH1)(Discontinued)

Clonality :	Monoclonal
Clone Name :	CH1
Application :	WB,IHC-P,IHC-F
Reactivity :	Human
Gene :	Tpm1
Gene ID :	24851
Uniprot ID :	P04692
Alternative Name :	Tropomyosin alpha-1 chain; Alpha-tropomyosin; Tropomyosin-1; Tpm1; Alpha-tm, Tpma
Isotype :	Mouse IgG1
Immunogen Information :	Chicken muscle tropomyosin.

Description

Tropomyosin is an alpha-helical, parallel, two-chain coiled coil which binds along the length of actin filaments in both muscle and non-muscle cells. This gene associates N-terminus to C-terminus to form a continuous strand along both sides of the actin filament and regulates its function. Tropomyosin contributes to most, if not all, functions of the actin cytoskeleton, and its role is essential for the viability of a wide range of organisms. The ability of tropomyosin to contribute to the many functions of the actin cytoskeleton is related to the temporal and spatial regulation of expression of tropomyosin isoforms.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 1-2Ã‚Â¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 2-4Ã‚Â¼g/ml; Immunohistochemistry(Frozen Section) : 2-4Ã‚Â¼g/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.