

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

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

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN <sub>3</sub> as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
<b>Storage condition :</b>	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 : 1-2 µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 2-4 µg/ml;  
Immunohistochemistry(Frozen Section) : 2-4 µg/ml