



Mouse monoclonal antibody to Tropomyosin [TM-36]: IgG

Catalogue No.:	M-1182-100
Description:	Tropomyosins are dimeric coiled coil proteins associated with the actin filaments of myofibrils and stress fibres. In vertebrates, at least 4 known genes code for diverse Tropomyosin isoforms that are expressed in a tissue-specific manner.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Chicken gizzard tropomyosin
Clone:	TM-36
Other Names:	Tropomyosin-1; Alpha-tropomyosin; Beta-tropomyosin; TPM1; TPM2; TPM3; TPM4; C15orf13; TMSA;
Accession:	P04268 TPM1_CHICK; P09493 TPM1_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-1.0 ug/mL is recommended for WB. Chicken Tropomyosin alpha-1 (isoform #1) has a predicted length of 284 residues and a MW of 33 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin/acetone fixed frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; rabbit; chicken;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase.

FOR RESEARCH USE ONLY