



Mouse monoclonal antibody to Troponin T [JLT-12]: IgG

Catalogue No.:	M-1788-100
Description:	Troponin is found on the thin filament of striated muscles and is composed of three subunits: troponin C, T and I. Troponin T binds tropomyosin. Three genes encode Tropomyosin T in a tissue specific manner; slow skeletal muscle (TNNT1), cardiac muscle (TNNT2) and fast skeletal muscle (TNNT3). All 3 forms of troponin T have multiple isoforms produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 µg
Antigen:	Troponin T from rabbit skeletal muscle
Antibody Type:	Mouse IgG1
Isotype:	IgG1
Clone:	JLT-12
Other Names:	Troponin T; TnTs; sTnT; TNNT1; TNNT2; TNNT3; TNT;
Accession:	P02641 (TNNT3_RABIT) P02641 (TNNT3_RABIT)
Produced in:	Mouse
Purity:	Ascites
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 2.0-4.0 µg/ml is recommended for WB. Rabbit TNNT3 (isoform TNT1) has a predicted length of 279 residues and a MW of 33 kDa. A concentration of 4.0-8.0 µg/ml is recommended to detect the protein in paraffin embedded tissues. Heat mediated antigen retrieval is required. A concentration of 4.0-8.0 µg/ml is recommended to detect the protein in 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.
Species Against:	Rabbit
Cross-reactivity:	Rat; rabbit; chicken;
Form:	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution:	Reconstitute in 1 ml of PBS (pH 7.4) to achieve an antibody concentration of 100 µg/ml. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2 - 8°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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