

Mouse TROPONIN I Monoclonal Antibody | anti-TNNI2 antibody

MOUSE ANTI TROPONIN I (CARDIAC/SKELETAL)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA49220	Mouse	Mouse, Cat, Rabbit, Dog, Pig, Rat, Goat, Bovine, Fish. N.B Antibody reactivity and working conditions may vary between species.	Western Blot, ELISA

PRODUCT SYNONYMS

TROPONIN I; Monoclonal Antibody; MOUSE ANTI TROPONIN I (CARDIAC/SKELETAL); TNNC1; anti-TNNI2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Cat, Rabbit, Dog, Pig, Rat, Goat, Bovine, Fish. N.B Antibody reactivity and working conditions may vary between species.
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	C5
Specificity	TROPONIN I (CARDIAC/SKELETAL)
Form/Format	Purified Ig - liquid
Concentration	Approximate Protein Concentration: 1 mg/ml (varies by lot)
Sequence Length	182
Applicable Applications for anti-TNNI2 antibody	WB (Western Blot), ELISA
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified Ig prepared by affinity chromatography on Protein A.
Immunogen	Free human cardiac troponin I
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-TNNI2 antibody	Mouse anti Troponin I (Cardiac/Skeletal) antibody, clone C5 reacts with cardiac and skeletal troponin I. Mouse anti Troponin I (Cardiac/Skeletal) antibody, clone C5 recognizes an epitope between amino acids 186-192 of cardiac troponin I. Troponin I is 1 of 3 subunits that constitute the troponin complex which plays an important role in the regulation of skeletal and cardiac muscle contraction. It is presented in cardiac tissue by a single isoform with a molecular weight of 29 kDa and is known as a specific marker for cardiac tissue damage.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224967057
NCBI GeneID	7136
NCBI Accession #	NP_001139301.1
NCBI GenBank Nucleotide #	NM_001145829.1
NCBI Official Full Name	troponin I, fast skeletal muscle isoform 1
NCBI Official Synonym Full Names	troponin I type 2 (skeletal, fast)
NCBI Official Symbol	TNNI2
NCBI Official Synonym Symbols	DA2B; FSSV; fsTnI; AMCD2B
NCBI Protein Information	troponin I, fast skeletal muscle; troponin I fast twitch 2; troponin I, fast-twitch isoform; troponin I, fast-twitch skeletal muscle isoform; troponin I, skeletal, fast
UniProt Protein Name	Troponin I, fast skeletal muscle
UniProt Gene Name	TNNI2
UniProt Entry Name	TNNI2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/troponin-i-antibody-clone-c5-western-blot-elisa/49220>