

Mouse Cardiac Troponin I (cTnI) Monoclonal Antibody | anti-cTnI antibody

Monoclonal Antibody to Cardiac Troponin I (cTnI)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151542	Mouse	Human, Rat, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

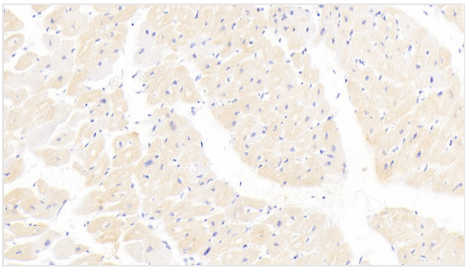
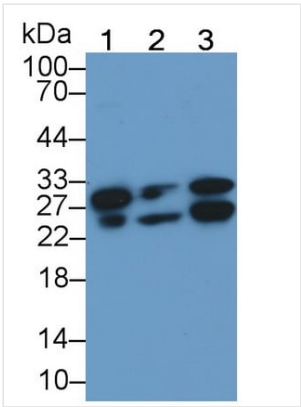
PRODUCT SYNONYMS

Cardiac Troponin I (cTnI); Monoclonal Antibody; Monoclonal Antibody to Cardiac Troponin I (cTnI); cTnI/Cardiac Troponin I; TNNI3; TNNC1; CMH7; CTnI; Troponin I Type 3; Cardiac; anti-cTnI antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	J22
Specificity	The antibody is a mouse monoclonal antibody raised against cTnI. It has been selected for its ability to recognize cTnI in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-cTnI antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Met1~Gly203
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Human Cardiac Muscle Tissue; Primary Ab: 20ug/ml Mouse AntiHuman TNNI3 Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

WB (Western Blot)
Western Blot; Sample: Lane1: Human Serum; Lane2: Porcine Heart lysate; Lane3: Porcine Skeletal muscle; Lane4: Rat Heart lysate; Lane5: Rat Skeletal muscle lysate Primary Ab: 2ug/ml Mouse AntiHuman TNNI3 Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA

ADDITIONAL INFORMATION

Product Categories/Family for anti-cTnI antibody	Cardiovascular biology; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	151101270
NCBI GeneID	7137
NCBI Accession #	NP_000354.4
NCBI GenBank Nucleotide #	NM_000363.4
UniProt Accession #	P19429
Molecular Weight	24,008 Da
NCBI Official Full Name	troponin I, cardiac muscle
NCBI Official Synonym Full Names	troponin I type 3 (cardiac)
NCBI Official Symbol	TNNI3
NCBI Official Synonym Symbols	CMH7; RCM1; cTnI; CMD2A; TNNC1; CMD1FF
NCBI Protein Information	troponin I, cardiac muscle
UniProt Protein Name	Troponin I, cardiac muscle
UniProt Gene Name	TNNI3
UniProt Synonym Gene Names	TNNC1
UniProt Entry Name	TNNI3_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/cardiac-troponin-i-ctni-antibody-clone-j22-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151542>