

Anti-Troponin T Antibody (Monoclonal, JLT-12)

Catalog Number: MA1098

About Tnnt3

The troponin complex is located on the thin filament of striated muscle and is composed of 3 component polypeptides: troponin 1, troponin T and troponin C. Three troponin T genes have been described on the basis of molecular cloning in humans and other vertebrates. These are expressed in a tissue-specific manner and encode the troponin T isoforms expressed in slow skeletal muscle (TNNT1), cardiac muscle (TNNT2), and fast skeletal muscle (TNNT3). TNNT1, TNNT2, TNNT3 are located on 19q13.4, 1q32, 11p15.5 respectively.

Overview

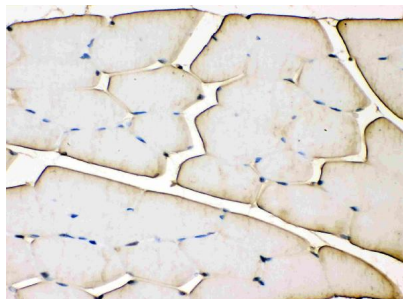
Product Name	Anti-Troponin T Antibody (Monoclonal, JLT-12)
Reactive Species	Chicken, Rabbit, Rat
Description	Mouse IgG monoclonal antibody for Troponin T, troponin T type 1 (skeletal, slow); troponin T type 2 (cardiac); troponin T type 3 (skeletal, fast) (TNNT1; TNNT2; TNNT3) detection. Tested with WB, IHC-P, IHC-F in Rat; rabbit; chicken. No cross reactivity with other proteins.
Application	IHC, WB
Clonality	Monoclonal JLT-12
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg Na ₃ N as preservative.
Storage Instructions	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.
Host	Mouse
Uniprot ID	P09739

Technical Details

Immunogen	Troponin T from rabbit skeletal muscle.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001)

	for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P) and IHC(F).
Cross Reactivity	No cross reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 4-8µg/ml, Rat, rabbit, chicken, By Heat Immunohistochemistry(Frozen Section), 4-8µg/ml, Rat, rabbit, chicken, - Western blot, 2-4µg/ml, Rat, rabbit, chicken For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

Anti-Troponin T Antibody (Monoclonal, JLT-12) (MA1098) Images



Anti-Troponin T antibody, MA1098, IHC(P)
IHC(P): Rat Skeletal Muscle Tissue

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

