

Product Datasheet

Troponin I Type 3 (cardiac) Antibody (1E7) - Azide and BSA Free **H00007137-M04**

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00007137-M04

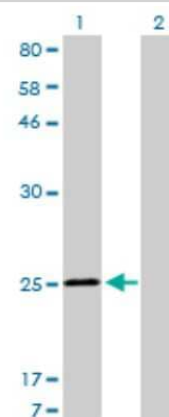
Troponin I Type 3 (cardiac) Antibody (1E7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	7137
Gene Symbol	TNNI3
Species	Human, Rat
Specificity/Sensitivity	TNNI3 - troponin I type 3 (cardiac)
Immunogen	TNNI3 (NP_000354, 102 a.a. ~ 210 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ARVDKVDEERYDIEAKVTKNITEIADLTQKIFDLRGKFKRPTLRRVRISADAMMQ ALLGARAKESLDLRAHLKQVKKEDTEKENREVGDWKRNIDALSGMEGRKKKF ES
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for RNAi validation, IHC-P and ELISA.

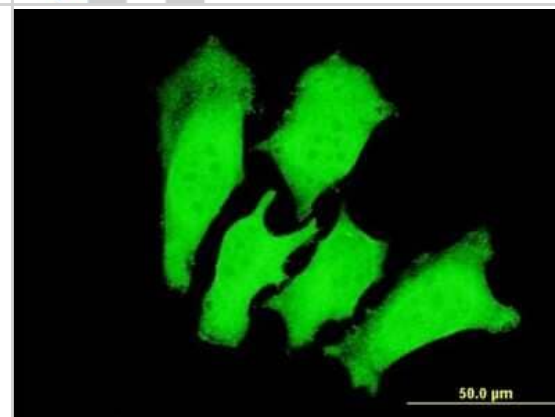


Images

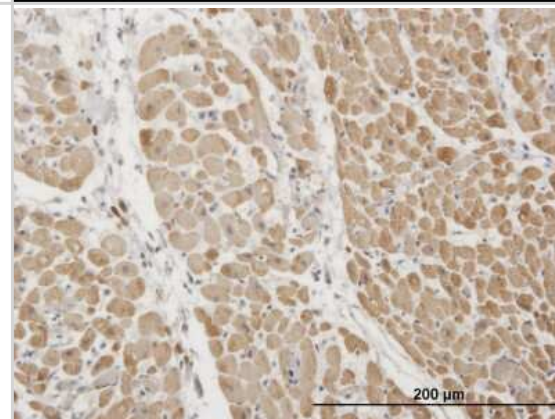
Western Blot: Troponin I Type 3 (cardiac) Antibody (1E7) [H00007137-M04] - Analysis of TNNI3 expression in transfected 293T cell line by TNNI3 monoclonal antibody (M04), clone 1E7. Lane 1: TNNI3 transfected lysate (24 KDa). Lane 2: Non-transfected lysate.



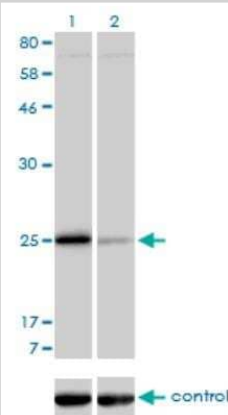
Immunocytochemistry/Immunofluorescence: Troponin I Type 3 (cardiac) Antibody (1E7) [H00007137-M04] - Analysis of monoclonal antibody to TNNI3 on HeLa cell. Antibody concentration 10 ug/ml



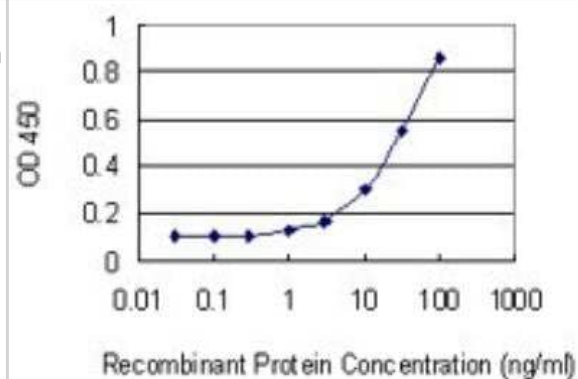
Immunohistochemistry-Paraffin: Troponin I Type 3 (cardiac) Antibody (1E7) [H00007137-M04] - Analysis of monoclonal antibody to TNNI3 on formalin-fixed paraffin-embedded human heart. Antibody concentration 0.7 ug/ml



Western Blot: Troponin I Type 3 (cardiac) Antibody (1E7) [H00007137-M04] - Western blot analysis of TNNI3 over-expressed 293 cell line, cotransfected with TNNI3 Validated Chimera RNAi or non-transfected control. Blot probed with H00007137-M04. GAPDH (36.1 kDa) used as loading control.



ELISA: Troponin I Type 3 (cardiac) Antibody (1E7.) [H00007137-M04] - Troponin I Type 3 (cardiac) Antibody (1E7) [H00007137-M04] - Detection limit for recombinant GST tagged TNNI3 is 1 ng/ml as a capture antibody.



Publications

Uys GM, Ramburan A, Loos B et al. Myomegalin is a novel A-kinase anchoring protein involved in the phosphorylation of cardiac myosin binding protein C. BMC Cell Biol 2011-05-10 [PMID: 21569246]



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Products Related to H00007137-M04

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00007137-P01-2ug	Recombinant Human Troponin I Type 3 (cardiac) GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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