

Product Datasheet

Troponin I Type 3 (cardiac) Antibody (19C7cc) - BSA Free NB110-2546

Unit Size: 0.2 mg

Store at 4C. Do not freeze.

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NB110-2546

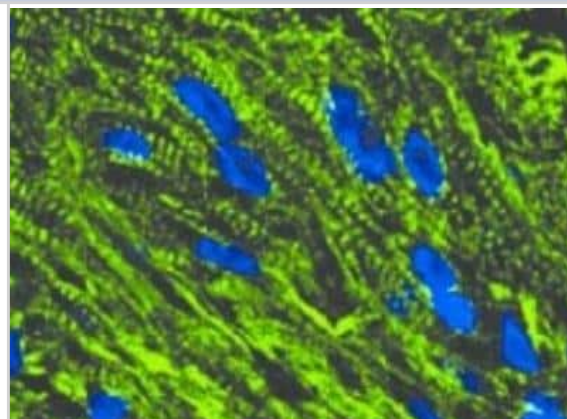
Troponin I Type 3 (cardiac) Antibody (19C7cc) - BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	19C7cc
Preservative	0.09% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Mouse
Gene ID	7137
Gene Symbol	TNNI3
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Troponin I Type 3 (cardiac). No cross-reactivity with skeletal muscle TnI.
Immunogen	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with free human cTnI.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunoassay, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Sandwich ELISA, Immunoaffinity Purification
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin, Immunoassay, Sandwich ELISA 1:100-1:2000, Immunoaffinity Purification
Application Notes	Recommended pairs for sandwich immunoassay (capture-detection): NB110-2546 - NB100-73082, NB110-2546 - NB100-73087, NB100-73085 - NB110-2546, or NB110-8453 - NB110-2546.

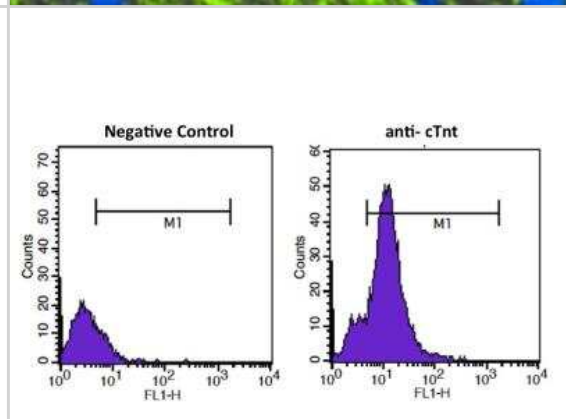


Images

Immunohistochemistry-Paraffin: Troponin I Type 3 (cardiac) Antibody (19C7cc) [NB110-2546] - Mouse cardiac tissue stained with Troponin I Type 3 antibody. IHC-P image submitted by a verified customer review.



Flow Cytometry: Troponin I Type 3 (cardiac) Antibody (19C7) [NB110-2546] - FACS analysis of Troponin I Type 3 in differentiated ESC cultures using anti-Troponin I Type 3 (cardiac) antibody. Image from verified customer review.



Publications

Ghazizadeh Z, Zhu J, Fattahi F, Tang A et al. A dual SHOX2:GFP; MYH6:mCherry knockin hESC reporter line for derivation of human SAN-like cells *iScience* 2022-04-18 [PMID: 35434558]

Munasinghe P, Saw E, Reily-Bell M et al. Non-neuronal cholinergic system delays cardiac remodelling in type 1 diabetes *Heliyon* 2023-06-01 [PMID: 37426799] (IHC-Fr, Mouse)

Bahnan W, Happonen L, Khakzad H et al. A human monoclonal antibody bivalently binding two different epitopes in streptococcal M protein mediates immune function *EMBO molecular medicine* 2022-12-12 [PMID: 36507602] (IHC-P, Human)

Munasinghe PE Activation of the cardiac non-neuronal cholinergic system prevents type-1 diabetes-induced cardiovascular dysfunction Thesis 2020-01-01 (IF/IHC)

Pacheco-Leyva I, Matias AC, Oliveira DV et al. CITED2 Cooperates with ISL1 and Promotes Cardiac Differentiation of Mouse Embryonic Stem Cells. *Stem Cell Reports*. 2016-12-13 [PMID: 27818139] (FLOW, Mouse)

Selimoglu SM, Kasap M, Akpınar G, Karadenizli A Overcoming difficulties on synthesis of cardiac troponin-I. *Prep Biochem Biotechnol* 2016-04-12 [PMID: 27070210]



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Products Related to NB110-2546

NBL1-17179	Troponin T type 1 (slow skeletal) Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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