

Resource Summary Report

Generated by ASWG on Aug 9, 2026

Cardiac Troponin T antibody [1C11]

RRID:AB_306445

Type: Antibody

Proper Citation

Abcam Cat# ab8295, RRID:AB_306445

Antibody Information

URL: http://antibodyregistry.org/AB_306445

Proper Citation: Abcam Cat# ab8295, RRID:AB_306445

Target Antigen: Cardiac Troponin T antibody [1C11]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA, Flow Cyt, ICC/IF, IHC-FoFr, IHC-P, sELISA, WB; Immunofluorescence; Flow Cytometry; Chromatography; ELISA; Immunohistochemistry - frozen; Other; Western Blot; Immunohistochemistry; Immunocytochemistry; Immunohistochemistry - fixed

Antibody Name: Cardiac Troponin T antibody [1C11]

Description: This monoclonal targets Cardiac Troponin T antibody [1C11]

Target Organism: rat, canine, mouse, dog, human

Antibody ID: AB_306445

Vendor: Abcam

Catalog Number: ab8295

Record Creation Time: 20250819T223843+0000

Record Last Update: 20250820T025118+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community. Contact(s): Liuliu Yang, Skyler Uhl, Joshua Acklin, Tuo Zhang - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Cardiac Troponin T antibody [1C11].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 52 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Tani K, et al. (2026) PRDM16 modulates aspects of cell cycle dynamics and maturation in human iPSC-derived cardiomyocytes. Stem cell reports, 103005.

Zhang T, et al. (2026) Human PSC-derived sinoatrial node-cardiac plexus assembloids model innervation-associated maturation of pacemaker systems. Cell stem cell, 33(6), 945.

Wu Z, et al. (2026) Engineered CAR-monocytes coordinate fibrosis clearance and cardiac regeneration following myocardial infarction. Cell stem cell, 33(6), 913.

Abraham E, et al. (2025) A retinoic acid:YAP1 signaling axis controls atrial lineage commitment. Cell reports, 44(5), 115687.

Wang W, et al. (2025) Zbtb16 determines the fate plasticity of cardiovascular progenitors through IGF2BP3-mediated mRNA stabilization. Cell reports, 44(8), 116127.

Chang Y, et al. (2025) Generation and differentiation of an induced pluripotent stem cell line (FMCPGHi006-A) from a patient with Duchenne muscular dystrophy carrying exons 42-43 deletion in the DMD gene. Stem cell research, 87, 103756.

O'Hern C, et al. (2025) Human heart-macrophage assembloids mimic immune-cardiac interactions and enable arrhythmia disease modeling. Cell stem cell, 32(11), 1671.

Zhou Y, et al. (2025) Loss-of-function variants in ciliary genes confer high risk for tetralogy of Fallot. Science advances, 11(41), eadt0836.

Fan L, et al. (2025) Injury-induced Clusterin+ cardiomyocytes suppress inflammation and promote regeneration in neonatal and adult hearts by reprogramming macrophages. Cell stem cell, 32(12), 1849.

Wu F, et al. (2025) TRIM13 prevents cardiomyocyte injury by affecting apoptosis through interacting with CD3D in myocardial infarction. iScience, 28(8), 113101.

Zhang Z, et al. (2025) AARS2 ameliorates myocardial ischemia via fine-tuning PKM2-mediated metabolism. eLife, 13.

Li M, et al. (2024) MiR-431 promotes cardiomyocyte proliferation by targeting FBXO32 expression. *The journal of gene medicine*, 26(1), e3656.

Swift SK, et al. (2024) A broadly applicable method for quantifying cardiomyocyte cell division identifies proliferative events following myocardial infarction. *Cell reports methods*, 4(9), 100860.

Jiao H, et al. (2024) An orexin-receptor-2-mediated heart-brain axis in cardiac pain. *iScience*, 27(3), 109067.

Aline Schmoll K, et al. (2024) Genome engineering of a neuronal specific, optogenetic, induced pluripotent stem cell line. *Stem cell research*, 75, 103317.

Miao J, et al. (2024) Single-nucleus transcriptomics reveal cardiac cell type-specific diversification in metabolic disease transgenic pigs. *iScience*, 27(6), 110015.

Mei S, et al. (2024) CircSMAD3 represses SMAD3 phosphorylation and ameliorates cardiac remodeling by recruiting YBX1. *iScience*, 27(7), 110200.

Cheng S, et al. (2023) Single-cell RNA sequencing reveals maturation trajectory in human pluripotent stem cell-derived cardiomyocytes in engineered tissues. *iScience*, 26(4), 106302.

Al-Katat A, et al. (2023) Rapamycin treatment unmasks a sex-specific pattern of scar expansion of the infarcted rat heart: The relationship between mTOR and KATP channel. *IUBMB life*.

Tan CY, et al. (2023) Systematic in vivo candidate evaluation uncovers therapeutic targets for LMNA dilated cardiomyopathy and risk of Lamin A toxicity. *Journal of translational medicine*, 21(1), 690.