

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

Myosin Light Chain 2/MLC-2V antibody

RRID:AB_2147453

Type: Antibody

Proper Citation

Proteintech Cat# 10906-1-AP, RRID:AB_2147453

Antibody Information

URL: http://antibodyregistry.org/AB_2147453

Proper Citation: Proteintech Cat# 10906-1-AP, RRID:AB_2147453

Target Antigen: Myosin Light Chain 2/MLC-2V

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.

Applications: WB, IP, IHC, IF, FC, ELISA

Antibody Name: Myosin Light Chain 2/MLC-2V antibody

Description: This polyclonal targets Myosin Light Chain 2/MLC-2V

Target Organism: monkey, rat, mouse, zebrafish, human

Antibody ID: AB_2147453

Vendor: Proteintech

Catalog Number: 10906-1-AP

Record Creation Time: 20250820T025039+0000

Record Last Update: 20250820T143949+0000

Ratings and Alerts

No rating or validation information has been found for Myosin Light Chain 2/MLC-2V antibody.

No alerts have been found for Myosin Light Chain 2/MLC-2V antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Coscarella IL, et al. (2025) Phenotype specific nuclear lamina remodeling in hiPSC derived cardiomyocytes bearing TNNT2 sarcomeric variants. iScience, 28(12), 113901.

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.

Yu F, et al. (2025) Antibacterial hyaluronic acid hydrogel with sustained release of larazotide as effective colitis treatment. Journal of controlled release : official journal of the Controlled Release Society, 114205.

Nava J, et al. (2025) Generation of the induced pluripotent stem cell line IOCVi002-A from a patient with the FOXE3-related sclerocornea-aphakia malformation. Stem cell research, 88, 103816.

Busley AV, et al. (2024) Mutation-induced LZTR1 polymerization provokes cardiac pathology in recessive Noonan syndrome. Cell reports, 43(7), 114448.

Li J, et al. (2024) Modeling the atrioventricular conduction axis using human pluripotent stem cell-derived cardiac assembloids. Cell stem cell, 31(11), 1667.

Kan T, et al. (2024) Matrix stiffness aggravates osteoarthritis progression through H3K27me3 demethylation induced by mitochondrial damage. iScience, 27(8), 110507.

Wang L, et al. (2024) ADAMTS18-fibronectin interaction regulates the morphology of liver sinusoidal endothelial cells. iScience, 27(7), 110273.

Sun YH, et al. (2023) The sinoatrial node extracellular matrix promotes pacemaker phenotype and protects automaticity in engineered heart tissues from cyclic strain. Cell reports, 42(12), 113505.

Marchiano S, et al. (2023) Gene editing to prevent ventricular arrhythmias associated with cardiomyocyte cell therapy. Cell stem cell, 30(4), 396.

Busley AV, et al. (2023) Generation of a genetically-modified induced pluripotent stem cell line harboring a Noonan syndrome-associated gene variant MRAS p.G23V. Stem cell research, 69, 103108.

Dark N, et al. (2023) Generation of left ventricle-like cardiomyocytes with improved structural, functional, and metabolic maturity from human pluripotent stem cells. *Cell reports methods*, 3(4), 100456.

Ng WH, et al. (2022) Recapitulating human cardio-pulmonary co-development using simultaneous multilineage differentiation of pluripotent stem cells. *eLife*, 11.

Prasad V, et al. (2022) Loss of cardiac myosin light chain kinase contributes to contractile dysfunction in right ventricular pressure overload. *Physiological reports*, 10(7), e15238.

Shah PP, et al. (2021) Pathogenic LMNA variants disrupt cardiac lamina-chromatin interactions and de-repress alternative fate genes. *Cell stem cell*, 28(5), 938.

Ding Y, et al. (2021) Derivation of iPSC lines from two patients with autism spectrum disorder carrying NRXN1?? deletion (NUIGi041-A, NUIG041-B; NUIGi045-A) and one sibling control (NUIGi042-A, NUIGi042-B). *Stem cell research*, 52, 102222.

Sun X, et al. (2020) Hydrogen sulfide regulates muscle RING finger-1 protein S-sulfhydration at Cys44 to prevent cardiac structural damage in diabetic cardiomyopathy. *British journal of pharmacology*, 177(4), 836.

Kleinsorge M, et al. (2020) Subtype-Directed Differentiation of Human iPSCs into Atrial and Ventricular Cardiomyocytes. *STAR protocols*, 1(1), 100026.

Fernandez-Perez A, et al. (2019) Hand2 Selectively Reorganizes Chromatin Accessibility to Induce Pacemaker-like Transcriptional Reprogramming. *Cell reports*, 27(8), 2354.

Mills RJ, et al. (2019) Drug Screening in Human PSC-Cardiac Organoids Identifies Pro-proliferative Compounds Acting via the Mevalonate Pathway. *Cell stem cell*, 24(6), 895.