

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.