## Monoclonal Anti-Laminin-2 (alpha-2 Chain) antibody produced in rat

RRID:AB_477153
Type: Antibody

### Proper Citation

(Sigma-Aldrich Cat# L0663, RRID:AB_477153)

### Antibody Information

**URL:** http://antibodyregistry.org/AB_477153

**Proper Citation:** (Sigma-Aldrich Cat# L0663, RRID:AB_477153)

**Target Antigen:** Laminin-2 (alpha-2 Chain) antibody produced in rat

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Vendor recommendations: IgG1 Other; Immunofluorescence; immunocytochemistry: suitable, indirect ELISA: suitable, immunoprecipitation: suitable indirect immunofluorescence: 4-8 mug/mL using acetone-fixed frozen sections of human tongue, microarray: suitable, immunoblotting: suitable, immunohistochemistry (frozen sections): suitable

**Antibody Name:** Monoclonal Anti-Laminin-2 (alpha-2 Chain) antibody produced in rat

**Description:** This monoclonal targets Laminin-2 (alpha-2 Chain) antibody produced in rat

**Target Organism:** Human, Mouse

**Antibody ID:** AB_477153

**Vendor:** Sigma-Aldrich

**Catalog Number:** L0663

**Record Creation Time:** 20231110T080838+0000

**Record Last Update:** 20241115T060733+0000

## Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-Laminin-2 (alpha-2 Chain) antibody produced in rat.

No alerts have been found for Monoclonal Anti-Laminin-2 (alpha-2 Chain) antibody produced in rat.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 15 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.

Verma M, et al. (2024) Endothelial cell signature in muscle stem cells validated by VEGFA-FLT1-AKT1 axis promoting survival of muscle stem cell. eLife, 13.

Bittel AJ, et al. (2024) Voluntary wheel running improves molecular and functional deficits in a murine model of facioscapulohumeral muscular dystrophy. iScience, 27(1), 108632.

Vanhoutte D, et al. (2024) Thbs1 regulates skeletal muscle mass in a TGF?-Smad2/3-ATF4-dependent manner. Cell reports, 43(5), 114149.

Guo R, et al. (2024) Engineered IscB-?RNA system with improved base editing efficiency for disease correction via single AAV delivery in mice. Cell reports, 43(11), 114973.

Atsuta Y, et al. (2024) Direct reprogramming of non-limb fibroblasts to cells with properties of limb progenitors. Developmental cell, 59(3), 415.

Kameyama T, et al. (2023) Heterogeneity of perivascular astrocyte endfeet depending on vascular regions in the mouse brain. iScience, 26(10), 108010.

McCormack NM, et al. (2023) Vamorolone improves Becker muscular dystrophy and increases dystrophin protein in bmx model mice. iScience, 26(7), 107161.

Noviello C, et al. (2022) RhoA within myofibers controls satellite cell microenvironment to allow hypertrophic growth. iScience, 25(1), 103616.

Ando K, et al. (2022) KCNJ8/ABCC9-containing K-ATP channel modulates brain vascular smooth muscle development and neurovascular coupling. Developmental cell, 57(11), 1383.

Feige P, et al. (2021) Analysis of human satellite cell dynamics on cultured adult skeletal muscle myofibers. Skeletal muscle, 11(1), 1.

DeSisto J, et al. (2020) Single-Cell Transcriptomic Analyses of the Developing Meninges Reveal Meningeal Fibroblast Diversity and Function. Developmental cell, 54(1), 43.

Wang YX, et al. (2019) EGFR-Aurka Signaling Rescues Polarity and Regeneration Defects in Dystrophin-Deficient Muscle Stem Cells by Increasing Asymmetric Divisions. Cell stem cell, 24(3), 419.

Verma M, et al. (2018) Muscle Satellite Cell Cross-Talk with a Vascular Niche Maintains Quiescence via VEGF and Notch Signaling. Cell stem cell, 23(4), 530.

Figlia G, et al. (2017) Dual function of the PI3K-Akt-mTORC1 axis in myelination of the peripheral nervous system. eLife, 6.

Kodaka Y, et al. (2017) Spin infection enables efficient gene delivery to muscle stem cells. BioTechniques, 63(2), 72.