Resource Summary Report

Generated by NIF on Jul 30, 2026

MNR2/HB9/Mnx1 antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University

RRID:AB_2145209
Type: Antibody

Proper Citation

DSHB Cat# 81.5C10, RRID:AB_2145209

Antibody Information

URL: http://antibodyregistry.org/AB_2145209

Proper Citation: DSHB Cat# 81.5C10, RRID:AB_2145209

Target Antigen: MNR2/HB9/Mnx1

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence,Immunohistochemistry; Date Deposited: 02/12/1999

Antibody Name: MNR2/HB9/Mnx1 antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University

Description: This monoclonal targets MNR2/HB9/Mnx1

Target Organism: mouse, fish, zebrafish, human

Defining Citation: PMID:22457492, PMID:22549777, PMID:22473852, PMID:23420872, PMID:23946489, PMID:22102158, PMID:19800948, PMID:21112398, PMID:19334287, PMID:19696748, PMID:21945076, PMID:24100213, PMID:22363571, PMID:23578695, PMID:21068056, PMID:22964786, PMID:21144831, PMID:23504940, PMID:20826431, PMID:12150931, PMID:22782721, PMID:22833130, PMID:22007132, PMID:14973289, PMID:21552265, PMID:25179941, PMID:22761584, PMID:17344415, PMID:24744704, PMID:9778248, PMID:24404179, PMID:28800946, PMID:25398950, PMID:12121626, PMID:25191843, PMID:21593306, PMID:22370002, PMID:25383599, PMID:22069185, PMID:25337699, PMID:20553899, PMID:25369423, PMID:22318233, PMID:20197066, PMID:25960414, PMID:23269676

Antibody ID: AB_2145209

Vendor: DSHB

Catalog Number: 81.5C10

Record Creation Time: 20250820T004954+0000

Record Last Update: 20250820T091859+0000

Ratings and Alerts

No rating or validation information has been found for MNR2/HB9/Mnx1 antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University.

No alerts have been found for MNR2/HB9/Mnx1 antibody - Jessell, T.M. / Brenner-Morton, S.; HHMI/Columbia University.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 37 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Zhou M, et al. (2025) Ngn2 and Isl1-mediated astrocyte-to-neuron conversion in vivo promotes functional recovery after spinal cord injury. Cell reports. Medicine, 6(12), 102462.

Watanabe Y, et al. (2025) ALS-associated RNA-binding proteins promote UNC13A transcription through REST downregulation. The EMBO journal, 44(17), 4745.

Anderson RS, et al. (2025) Protocol for direct reprogramming of canine fibroblasts to induced motor neurons. STAR protocols, 6(3), 103975.

Cates K, et al. (2025) Fate erasure logic of gene networks underlying direct neuronal conversion of somatic cells by microRNAs. Cell reports, 44(1), 115153.

Sun Z, et al. (2024) Harnessing developmental dynamics of spinal cord extracellular matrix improves regenerative potential of spinal cord organoids. Cell stem cell, 31(5), 772.

L??pine S, et al. (2024) Homozygous ALS-linked mutations in TARDBP/TDP-43 lead to hypoactivity and synaptic abnormalities in human iPSC-derived motor neurons. iScience, 27(3), 109166.

Liu S, et al. (2023) Generation of self-organized autonomic ganglion organoids from fibroblasts. iScience, 26(3), 106241.

Zhou L, et al. (2023) Progenitor-derived glia are required for spinal cord regeneration in zebrafish. Development (Cambridge, England), 150(10).

Liau ES, et al. (2023) Single-cell transcriptomic analysis reveals diversity within mammalian spinal motor neurons. Nature communications, 14(1), 46.

Linares GR, et al. (2023) SYF2 suppression mitigates neurodegeneration in models of diverse forms of ALS. Cell stem cell, 30(2), 171.

Pantazis CB, et al. (2022) A reference human induced pluripotent stem cell line for large-scale collaborative studies. Cell stem cell, 29(12), 1685.

Dady A, et al. (2022) Human spinal cord in vitro differentiation pace is initially maintained in heterologous embryonic environments. eLife, 11.

Miguel-Escalada I, et al. (2022) Pancreas agenesis mutations disrupt a lead enhancer controlling a developmental enhancer cluster. Developmental cell, 57(16), 1922.

Rekler D, et al. (2022) Completion of neural crest cell production and emigration is regulated by retinoic-acid-dependent inhibition of BMP signaling. eLife, 11.

Letchuman S, et al. (2022) Transcription Factor Hb9 Is Expressed in Glial Cell Lineages in the Developing Mouse Spinal Cord. eNeuro, 9(6).

LaForce GR, et al. (2022) Suppression of premature transcription termination leads to reduced mRNA isoform diversity and neurodegeneration. Neuron, 110(8), 1340.

Closser M, et al. (2022) An expansion of the non-coding genome and its regulatory potential underlies vertebrate neuronal diversity. Neuron, 110(1), 70.

Wind M, et al. (2021) In Vitro Generation of Posterior Motor Neurons from Human Pluripotent Stem Cells. Current protocols, 1(9), e244.

Temocin O, et al. (2021) Generation of an hiPSC-1 knock-in line expressing TY1-tagged MNX1-protein together with mScarlet. Stem cell research, 56, 102522.

Liu S, et al. (2021) NRF1 association with AUTS2-Polycomb mediates specific gene activation in the brain. Molecular cell, 81(22), 4663.