Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 5, 2025

MASH1

RRID:AB_396479
Type: Antibody

Proper Citation

(BD Biosciences Cat# 556604, RRID:AB_396479)

Antibody Information

URL: http://antibodyregistry.org/AB_396479

Proper Citation: (BD Biosciences Cat# 556604, RRID:AB_396479)

Target Antigen: Recombinant full length rat MASH1 protein

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: MASH1

Description: This monoclonal targets Recombinant full length rat MASH1 protein

Target Organism: rat, mouse

Clone ID: [24B72D11.1]

Antibody ID: AB_396479

Vendor: BD Biosciences

Catalog Number: 556604

Record Creation Time: 20241016T220731+0000

Record Last Update: 20241016T221417+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for MASH1.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 58 mentions in open access literature.

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

Park S, et al. (2024) Comprehensive analysis of transcription factor-based molecular subtypes and their correlation to clinical outcomes in small-cell lung cancer. EBioMedicine, 102, 105062.

Lehr S, et al. (2024) Self-organized pattern formation in the developing mouse neural tube by a temporal relay of BMP signaling. Developmental cell.

Nandagopal S, et al. (2024) Activation-derepression synergy enables a bHLH network to coordinate a signal-specific fate response. Cell reports, 43(12), 115077.

Hatano R, et al. (2024) Mosaic ablation of pancreatic ? cells induces de-differentiation and repetitive proliferation of residual ? cells in adult mice. iScience, 27(9), 110656.

Morrison V, et al. (2023) Jedi-1/MEGF12-mediated phagocytosis controls the pro-neurogenic properties of microglia in the ventricular-subventricular zone. Cell reports, 42(11), 113423.

Liu W, et al. (2023) PQBP1 regulates striatum development through balancing striatal progenitor proliferation and differentiation. Cell reports, 42(3), 112277.

Martin-Vega A, et al. (2023) ASCL1-ERK1/2 Axis: ASCL1 restrains ERK1/2 via the dual specificity phosphatase DUSP6 to promote survival of a subset of neuroendocrine lung cancers. bioRxiv : the preprint server for biology.

Zeng B, et al. (2023) The single-cell and spatial transcriptional landscape of human gastrulation and early brain development. Cell stem cell, 30(6), 851.

Fang L, et al. (2023) TIMP3 promotes the maintenance of neural stem-progenitor cells in the mouse subventricular zone. Frontiers in neuroscience, 17, 1149603.

Pieri V, et al. (2023) Aberrant L-Fucose Accumulation and Increased Core Fucosylation Are Metabolic Liabilities in Mesenchymal Glioblastoma. Cancer research, 83(2), 195.

Han M, et al. (2022) FOXA2 drives lineage plasticity and KIT pathway activation in neuroendocrine prostate cancer. Cancer cell, 40(11), 1306.

Fong BC, et al. (2022) The Rb/E2F axis is a key regulator of the molecular signatures instructing the quiescent and activated adult neural stem cell state. Cell reports, 41(5), 111578.

Li L, et al. (2022) SoxD genes are required for adult neural stem cell activation. Cell reports, 38(5), 110313.

Conforti P, et al. (2022) In vitro-derived medium spiny neurons recapitulate human striatal development and complexity at single-cell resolution. Cell reports methods, 2(12), 100367.

Gengatharan A, et al. (2021) Adult neural stem cell activation in mice is regulated by the day/night cycle and intracellular calcium dynamics. Cell, 184(3), 709.

Han S, et al. (2021) Proneural genes define ground-state rules to regulate neurogenic patterning and cortical folding. Neuron, 109(18), 2847.

Zhang YH, et al. (2021) Cascade diversification directs generation of neuronal diversity in the hypothalamus. Cell stem cell, 28(8), 1483.

Turrero García M, et al. (2021) Transcriptional profiling of sequentially generated septal neuron fates. eLife, 10.

Caeser R, et al. (2021) MAPK pathway activation selectively inhibits ASCL1-driven small cell lung cancer. iScience, 24(11), 103224.

Pozo K, et al. (2021) ASCL1, NKX2-1, and PROX1 co-regulate subtype-specific genes in small-cell lung cancer. iScience, 24(9), 102953.