Resource Summary Report

Generated by NIF on Sep 8, 2026

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: MASH1

Host Organism: mouse

Clonality: monoclonal

Comments: Western blot
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 MASH1

Target Organism: rat, mouse

Defining Citation: PMID:22847514, PMID:19003791, PMID:17348003, PMID:19048639, PMID:21246550, PMID:23042297, PMID:20852734

Antibody ID: AB_396479

Vendor: BD Biosciences

Catalog Number: 556604

Record Creation Time: 20231110T081127+0000

Record Last Update: 20260829T205347+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 59 mentions in open access literature.

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

Peng H, et al. (2026) Eukaryote initiation factor 6 modulates small-cell lung carcinoma plasticity via the integrin-FAK signaling axis. Nature communications, 17(1).

Sato T, et al. (2026) Epigenomic profiling of neuroendocrine lung cancers identifies a classical-neuroendocrine ASCL1/NKX2-1 subtype and a SOX11-associated differentiation axis linked to reduced immunogenicity. Lung cancer (Amsterdam, Netherlands), 217, 109464.

Cox D, et al. (2026) FAK inhibition following acute olfactory epithelial inflammation promotes neurogenesis and functional recovery through stem cell CNTF. Stem cells (Dayton, Ohio), 44(4).

Sussman JH, et al. (2026) A longitudinal single-cell and spatial multiomic atlas of pediatric high-grade glioma. Cell reports. Medicine, 7(5), 102766.

Iñañez A, et al. (2025) The Potential of Single-Transcription Factor Gene Expression by RT-qPCR for Subtyping Small Cell Lung Cancer. International journal of molecular sciences, 26(3).

Del Rey-Vergara R, et al. (2025) MET pathway inhibition increases chemo-immunotherapy efficacy in small cell lung cancer. Cell reports. Medicine, 6(7), 102194.

Marymonchyk A, et al. (2025) Neural stem cell quiescence and activation dynamics are regulated by feedback input from their progeny under homeostatic and regenerative conditions. Cell stem cell, 32(3), 445.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. Cell reports. Medicine, 6(3), 101986.

Catozzi A, et al. (2025) Functional characterization of the ATOH1 molecular subtype indicates a pro-metastatic role in small cell lung cancer. Cell reports, 44(5), 115603.

Gameiro JG, et al. (2025) Quiescent horizontal basal stem cells act as a niche for olfactory neurogenesis in a mouse 3D organoid model. Cell reports methods, 5(6), 101055.

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.

Martin-Vega A, et al. (2024) ASCL1 Restrains ERK1/2 to Promote Survival of a Subset of Neuroendocrine Lung Cancers. Molecular cancer therapeutics, 23(12), 1789.

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.

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.

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

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.