

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

SIM-A9

RRID:CVCL_5I31

Type: Cell Line

Proper Citation

ATCC Cat# CRL-3265, RRID:CVCL_5I31

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5I31

Proper Citation: ATCC Cat# CRL-3265, RRID:CVCL_5I31

Description: Cell line SIM-A9 is a Spontaneously immortalized cell line with a species of origin *Mus musculus* (Mouse)

Sex: Sex unspecified

Defining Citation: [PMID:24975292](#), [PMID:32287325](#)

Category: Spontaneously immortalized cell line

Organism: *Mus musculus* (Mouse)

Name: SIM-A9

Synonyms: Spontaneously Immortalized Microglia-A9

Cross References: ABM:T0247, ATCC:CRL-3265, ChEMBL-Cells:ChEMBL4879541, Kerafast:END001, Wikidata:Q54953493

ID: CVCL_5I31

Vendor: ATCC

Catalog Number: CRL-3265

Record Creation Time: 20220427T221542+0000

Record Last Update: 20260920T005743+0000

Ratings and Alerts

No rating or validation information has been found for SIM-A9.

No alerts have been found for SIM-A9.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Khan F, et al. (2026) Microglial TBK1 Signaling Promotes Breast Cancer Brain Metastasis. Cancer research, 86(1), 12.

Wen X, et al. (2026) Hippocampal neuroinflammation and altered peripheral neurobiological protein profile in experimental arthritis and systemic juvenile idiopathic arthritis. EBioMedicine, 129, 106330.

Wang Y, et al. (2026) Midkine Overexpression Promotes Functional Recovery After Spinal Cord Injury by Enhancing Microglial Efferocytosis Via LRP-1. CNS neuroscience & therapeutics, 32(3), e70841.

Zubillaga M, et al. (2025) Copper overload worsens the inflammatory response of microglia to amyloid beta (A β) by impairing phagocytosis and promoting mitochondrial DNA-mediated NLRP3 inflammasome activation. Redox biology, 87, 103872.

Howell JA, et al. (2025) Gelatin Zymography to Quantify Levels of MMP-2 and MMP-9 in Complex Biological Samples. Methods in molecular biology (Clifton, N.J.), 2918, 47.

Lin TT, et al. (2023) Suppressing high mobility group box-1 release alleviates morphine tolerance via the adenosine 5'-monophosphate-activated protein kinase/heme oxygenase-1 pathway. Neural regeneration research, 18(9), 2067.

Kwon J, et al. (2022) Differential Effects of Toll-Like Receptor Activation and Differential Mediation by MAP Kinases of Immune Responses in Microglial Cells. Cellular and molecular neurobiology, 42(8), 2655.

Blank M, et al. (2022) LPS-induced lipid alterations in microglia revealed by MALDI mass spectrometry-based cell fingerprinting in neuroinflammation studies. Scientific reports, 12(1), 2908.

Tan HY, et al. (2022) cGAS and DDX41-STING mediated intrinsic immunity spreads intercellularly to promote neuroinflammation in SOD1 ALS model. iScience, 25(6), 104404.

Guldner IH, et al. (2020) CNS-Native Myeloid Cells Drive Immune Suppression in the Brain Metastatic Niche through Cxcl10. Cell, 183(5), 1234.