

# Resource Summary Report

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

## SiMa

RRID:CVCL\_1695

Type: Cell Line

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### Proper Citation

RRID:CVCL\_1695

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_1695](https://web.expasy.org/cellosaurus/CVCL_1695)

**Proper Citation:** RRID:CVCL\_1695

**Description:** Cell line SiMa is a Cancer cell line with a species of origin Homo sapiens (Human)

**Sex:** Male

**Disease:** Adrenal gland neuroblastoma

**Defining Citation:** [PMID:10686945](#), [PMID:11668190](#), [PMID:20164919](#), [PMID:22460905](#), [PMID:23185348](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:30629668](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:35839778](#)

**Comments:** Biotechnology: Used in a bioassay to measure botulinum toxin serotype A (BoNT/B) activity. Together with the monoclonal antibody produced by hybridoma 2E2A6 (Cellosaurus=CVCL\_RA98)., Population: Caucasian., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

**Category:** Cancer cell line

**Organism:** Homo sapiens (Human)

**Name:** SiMa

**Synonyms:** SIMA

**Cross References:** CLO:CLO\_0009018, CLDB:cl4300, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID\_ORCS\_Cell\_line:469, BioSample:SAMN03470930, BioSample:SAMN10988579, cancercellines:CVCL\_1695, Cell\_Model\_Passport:SIDM00395, ChEMBL-Cells:ChEMBL3308828, ChEMBL-Targets:ChEMBL2366067, Cosmic:753620, Cosmic:2485949, Cosmic-CLP:753620,

DepMap:ACH-000099, DSMZ:ACC-164, DSMZCellDive:ACC-164, EGA:EGAS00001000978, GDSC:753620, GEO:GSM563363, GEO:GSM887572, GEO:GSM888655, GEO:GSM1366410, GEO:GSM1670423, IARC\_TP53:27575, LiGeA:CCLE\_027, LINCS\_LDP:LCL-1979, PharmacDB:SIMA\_1378\_2019, PRIDE:PXD030304, Progenetix:CVCL\_1695, PubChem\_Cell\_line:CVCL\_1695, Wikidata:Q54953497

**ID:** CVCL\_1695

**Record Creation Time:** 20220427T221542+0000

**Record Last Update:** 20260920T005743+0000

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## Ratings and Alerts

No rating or validation information has been found for SiMa.

No alerts have been found for SiMa.

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## Data and Source Information

**Source:** [CelloSaurus](#)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Xie Y, et al. (2026) QW-5-70 targets the colchicine site and demonstrates antitumor activity in P-gp-overexpressing cancer models. *Molecular cancer therapeutics*, OF1.

Montuori G, et al. (2025) Extrachromosomal DNA-Driven Oncogene Dosage Heterogeneity Promotes Rapid Adaptation to Therapy in MYCN-Amplified Cancers. *Cancer discovery*, 15(10), 2054.

Jablonowski CM, et al. (2024) Metabolic reprogramming of cancer cells by JMJD6-mediated pre-mRNA splicing associated with therapeutic response to splicing inhibitor. *eLife*, 12.

Abu-Zaid A, et al. (2024) Histone lysine demethylase 4 family proteins maintain the transcriptional program and adrenergic cellular state of MYCN-amplified neuroblastoma. *Cell reports. Medicine*, 5(3), 101468.

R??sch L, et al. (2023) ERBB and P-glycoprotein inhibitors break resistance in relapsed neuroblastoma models through P-glycoprotein. *Molecular oncology*, 17(1), 37.

Hou R, et al. (2022) Targeting EP2 receptor with multifaceted mechanisms for high-risk neuroblastoma. *Cell reports*, 39(12), 111000.

Cai J, et al. (2022) High-risk neuroblastoma with NF1 loss of function is targetable using SHP2 inhibition. *Cell reports*, 40(4), 111095.

Malone CF, et al. (2021) Selective Modulation of a Pan-Essential Protein as a Therapeutic Strategy in Cancer. *Cancer discovery*, 11(9), 2282.