

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

SW1271

RRID:CVCL_1716

Type: Cell Line

Proper Citation

RRID:CVCL_1716

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1716

Proper Citation: RRID:CVCL_1716

Description: Cell line SW1271 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Lung small cell carcinoma

Defining Citation: [PMID:1855224](#), [PMID:3518877](#), [PMID:17426248](#), [PMID:22460905](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27247353](#), [PMID:27397505](#), [PMID:28766886](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:32586373](#), [PMID:35839778](#), [PMID:38180245](#)

Comments: Population: Caucasian., From: Scott and White Clinic; Temple; USA., Part of: RAS genetic alteration cell panel (ATCC TCP-1031)., 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: SW1271

Synonyms: SW-1271, SW 1271

Cross References: CLO:CLO_0009184, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-2177, BioSample:SAMN03472877, BioSample:SAMN10987907, cancercellines:CVCL_1716, Cell_Model_Passport:SIDM01156, CLS:305880, Cosmic:701079, Cosmic:929966, Cosmic:932919, Cosmic:1925844, Cosmic-CLP:1299062, DepMap:ACH-000890, EGA:EGAS00001000978, GDSC:1299062,

GEO:GSM169452, GEO:GSM170724, GEO:GSM170725, GEO:GSM887665, GEO:GSM888757, GEO:GSM986181, GEO:GSM1670497, GEO:GSM1887959, GEO:GSM1888036, IARC_TP53:122, LiGeA:CCLE_662, LINCS_LDP:LCL-1824, PharmacDB:SW1271_1524_2019, PRIDE:PXD011896, PRIDE:PXD030304, Progenetix:CVCL_1716, Wikidata:Q54971075

ID: CVCL_1716

Record Creation Time: 20220427T221614+0000

Record Last Update: 20260905T182521+0000

Ratings and Alerts

No rating or validation information has been found for SW1271.

No alerts have been found for SW1271.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Balke-Want H, et al. (2026) c-JUN enhances CRISPR knockin anti-B7-H3 CAR T cell function in small cell lung cancer and thoracic SMARCA4-deficient undifferentiated tumors. Cell reports. Medicine, 7(1), 102549.

Paál Á, et al. (2025) Roles of Annexin A1 Expression in Small Cell Lung Cancer. Cancers, 17(9).

Kotagiri S, et al. (2024) Enhancer reprogramming underlies therapeutic utility of a SMARCA2 degrader in SMARCA4 mutant cancer. Cell chemical biology, 31(12), 2069.

Ng J, et al. (2024) Molecular and Pathologic Characterization of YAP1-Expressing Small Cell Lung Cancer Cell Lines Leads to Reclassification as SMARCA4-Deficient Malignancies. Clinical cancer research : an official journal of the American Association for Cancer Research, OF1.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. Cell chemical biology, 31(7), 1247.

Dexheimer TS, et al. (2023) Multicellular Complex Tumor Spheroid Response to DNA Repair Inhibitors in Combination with DNA-damaging Drugs. Cancer research communications, 3(8), 1648.

Liang K, et al. (2018) Targeting Processive Transcription Elongation via SEC Disruption for MYC-Induced Cancer Therapy. *Cell*, 175(3), 766.