

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

CA46

RRID:CVCL_1101

Type: Cell Line

Proper Citation

RRID:CVCL_1101

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1101

Proper Citation: RRID:CVCL_1101

Description: Cell line CA46 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Burkitt lymphoma

Defining Citation: [PMID:1325212](#), [PMID:2052620](#), [PMID:3026973](#), [PMID:3080238](#), [PMID:3100061](#), [PMID:3921823](#), [PMID:6243721](#), [PMID:6243722](#), [PMID:6265077](#), [PMID:6286763](#), [PMID:7757991](#), [PMID:8176200](#), [PMID:8220424](#), [PMID:8316623](#), [PMID:8344493](#), [PMID:8402660](#), [PMID:8515068](#), [PMID:8558920](#), [PMID:8568269](#), [PMID:9192833](#), [PMID:9473234](#), [PMID:9563901](#), [PMID:9643977](#), [PMID:9787181](#), [PMID:9973220](#), [PMID:10567774](#), [PMID:11587216](#), [PMID:12145705](#), [PMID:16960149](#), [PMID:17254797](#), [PMID:19220422](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:22885699](#), [PMID:24590883](#), [PMID:25355872](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25960936](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30285677](#), [PMID:30629668](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Virology: EBV-negative., Characteristics: Produces IgM kappa (ATCC=CRL-1648)., Part of: MYC genetic alteration cell panel (ATCC TCP-1035)., Part of: MD Anderson Cell Lines Project., 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: CA46

Synonyms: CA-46, CA 46

Cross References: BTO:BTO_0000789, CLO:CLO_0002168, EFO:EFO_0002124, CLDB:cl608, CLDB:cl609, CLDB:cl610, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1648, BCRC:60511, BioSample:SAMN03473116, BioSample:SAMN10987878, cancercellines:CVCL_1101, CCRID:1101HUM-PUMC000366, CCRID:4201HUM-CCTCC00098, CCTCC:GDC0098, Cell_Model_Passport:SIDM00907, ChEMBL-Cells:ChEMBL3308488, ChEMBL-Targets:ChEMBL612566, CLS:305082, Cosmic:687837, Cosmic:850210, Cosmic:910703, Cosmic:931101, Cosmic:1086325, Cosmic:1818340, Cosmic:2297029, Cosmic:2808223, Cosmic:2814536, Cosmic-CLP:910703, DepMap:ACH-000440, DSMZ:ACC-73, DSMZCellDive:ACC-73, ECACC:95010509, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:910703, GEO:GSM119505, GEO:GSM886900, GEO:GSM887965, GEO:GSM1177977, GEO:GSM1177978, GEO:GSM1669641, IARC_TP53:7395, ICLC:HTL97007, IGRhCellID:CA46, IZSLER:BS TCL 159, LiGeA:CCLE_534, LINCS_LDP:LCL-2017, Lonza:439, NCBI_Iran:C106, PharmacDB:CA46_159_2019, PRIDE:PXD030304, Progenetix:CVCL_1101, PubChem_Cell_line:CVCL_1101, Wikidata:Q54808297

ID: CVCL_1101

Record Creation Time: 20220427T215436+0000

Record Last Update: 20260905T174507+0000

Ratings and Alerts

No rating or validation information has been found for CA46.

No alerts have been found for CA46.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

MacMillan AC, et al. (2025) PRPS activity tunes redox homeostasis in Myc-driven lymphoma. Redox biology, 84, 103649.

Beauchemin H, et al. (2025) Inhibiting the RNA helicase DDX3X in Burkitt lymphoma induces oxydative stress and impedes tumor progression in xenografts. Frontiers in cell and developmental biology, 13, 1642006.

Liu P, et al. (2024) Chidamide represses MYC expression and might improve survival for patients with double expressor lymphoma. *American journal of cancer research*, 14(6), 2921.

Castell A, et al. (2022) MYCMI-7: A Small MYC-Binding Compound that Inhibits MYC: MAX Interaction and Tumor Growth in a MYC-Dependent Manner. *Cancer research communications*, 2(3), 182.

Portelinha A, et al. (2021) ASN007 is a selective ERK1/2 inhibitor with preferential activity against RAS-and RAF-mutant tumors. *Cell reports. Medicine*, 2(7), 100350.

Lowman XH, et al. (2019) p53 Promotes Cancer Cell Adaptation to Glutamine Deprivation by Upregulating Slc7a3 to Increase Arginine Uptake. *Cell reports*, 26(11), 3051.

Struntz NB, et al. (2019) Stabilization of the Max Homodimer with a Small Molecule Attenuates Myc-Driven Transcription. *Cell chemical biology*, 26(5), 711.

Drown BS, et al. (2018) Monitoring Poly(ADP-ribosyl)glycohydrolase Activity with a Continuous Fluorescent Substrate. *Cell chemical biology*, 25(12), 1562.