

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

RPMI-8402

RRID:CVCL_1667

Type: Cell Line

Proper Citation

RRID:CVCL_1667

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1667

Proper Citation: RRID:CVCL_1667

Description: Cell line RPMI-8402 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Childhood T acute lymphoblastic leukemia

Defining Citation: [PMID:2255914](#), [PMID:2501659](#), [PMID:2985879](#), [PMID:3039492](#), [PMID:3159941](#), [PMID:3518877](#), [PMID:3874327](#), [PMID:4547172](#), [PMID:9933131](#), [PMID:10739008](#), [PMID:11226526](#), [PMID:15472075](#), [PMID:16408098](#), [PMID:17170727](#), [PMID:20164919](#), [PMID:22460905](#), [PMID:22675565](#), [PMID:26589293](#), [PMID:26870252](#), [PMID:27397505](#), [PMID:29496689](#), [PMID:30285677](#), [PMID:30629668](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31160637](#), [PMID:35354797](#), [PMID:35839778](#)

Comments: Characteristics: Genetically heterogenous., Population: Caucasian., Part of: LL-100 blood cancer cell line panel., 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: RPMI-8402

Synonyms: RPMI 8402, RPMI8402, Roswell Park Memorial Institute 8402, 8402

Cross References: BTO:BTO_0001880, CLO:CLO_0008874, CLO:CLO_0009857, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ArrayExpress:E-MTAB-7721, ArrayExpress:E-MTAB-7722, ATCC:CRL-1994, BioSample:SAMN03471272, BioSample:SAMN10988543, cancercellines:CVCL_1667,

Cell_Model_Passport:SIDM00403, ChEMBL-Cells:CHEMBL3307964, ChEMBL-Targets:CHEMBL612517, Cosmic:801732, Cosmic:909702, Cosmic:913427, Cosmic:932767, Cosmic:998726, Cosmic:999753, Cosmic:1012115, Cosmic:1037681, Cosmic:1115587, Cosmic:1151791, Cosmic:1175132, Cosmic:1191706, Cosmic:1224369, Cosmic:1281383, Cosmic:1330501, Cosmic:1524817, Cosmic:1641386, Cosmic:1664527, Cosmic:1760531, Cosmic:2458761, Cosmic:2462860, Cosmic:2602930, Cosmic:2733531, Cosmic-CLP:909702, DepMap:ACH-000636, DSMZ:ACC-290, DSMZCellDive:ACC-290, EGA:EGAS00001000978, GDSC:909702, GEO:GSM887549, GEO:GSM888632, GEO:GSM1670390, GEO:GSM5137742, IARC_TP53:2503, LiGeA:CCLE_140, LINCS_LDP:LCL-1022, NCBI_Iran:C184, PharmacDB:RPMI8402_1328_2019, PRIDE:PXD023662, PRIDE:PXD030304, Progenetix:CVCL_1667, PubChem_Cell_line:CVCL_1667, Wikidata:Q54951273

ID: CVCL_1667

Record Creation Time: 20220427T221507+0000

Record Last Update: 20260905T182234+0000

Ratings and Alerts

No rating or validation information has been found for RPMI-8402.

Warning: Discontinued: ATCC; CRL-1994

Characteristics: Genetically heterogenous., Population: Caucasian., Part of: LL-100 blood cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zoine JT, et al. (2024) Peptide-scFv antigen recognition domains effectively confer CAR T??cell multiantigen specificity. Cell reports. Medicine, 5(2), 101422.

Marchesini M, et al. (2020) Blockade of Oncogenic NOTCH1 with the SERCA Inhibitor CAD204520 in T Cell Acute Lymphoblastic Leukemia. Cell chemical biology, 27(6), 678.

Morita K, et al. (2020) Allosteric Activators of Protein Phosphatase 2A Display Broad Antitumor Activity Mediated by Dephosphorylation of MYBL2. Cell, 181(3), 702.