

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

BC-3

RRID:CVCL_1080

Type: Cell Line

Proper Citation

RRID:CVCL_1080

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1080

Proper Citation: RRID:CVCL_1080

Description: Cell line BC-3 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Primary effusion lymphoma

Defining Citation: [PMID:8839859](#), [PMID:9766492](#), [PMID:15613351](#), [PMID:17121789](#), [PMID:19608668](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:21685375](#), [PMID:27397505](#), [PMID:30894373](#), [PMID:31160637](#), [PMID:35839778](#)

Comments: 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)., Group: Patented cell line.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: BC-3

Synonyms: BC3

Cross References: BTO:BTO_0002722, CLO:CLO_0001891, EFO:EFO_0002046, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-7721, ArrayExpress:E-MTAB-7722, ATCC:CRL-2277, ATCC:CRL-3615, BioGRID_ORCS_Cell_line:1098, BioSample:SAMN03472835, BioSamples:SAMEA365848, BioSamples:SAMEA365859, cancercellines:CVCL_1080, CCRID:3101HUMSCSP5016, CCTCC:GDC0221, Cell_Model_Passport:SIDM00895, ChEMBL-Cells:ChEMBL3308890, ChEMBL-Targets:ChEMBL2366371, Cosmic:687836,

Cosmic:910918, Cosmic:1238077, Cosmic:1515188, Cosmic:1588558, Cosmic-CLP:910918, DepMap:ACH-002215, DSMZ:ACC-679, DSMZCellDive:ACC-679, GDSC:910918, GEO:GSM33135, GEO:GSM38796, GEO:GSM38797, GEO:GSM634733, GEO:GSM710419, GEO:GSM710435, GEO:GSM1669611, GEO:GSM3150237, IARC_TP53:21190, IARC_TP53:26979, IGRhCellID:BC3, LINCS_LDP:LCL-1948, PharmacnoDB:BC3_79_2019, PRIDE:PXD012087, PRIDE:PXD030304, Progenetix:CVCL_1080, PubChem_Cell_line:CVCL_1080, Wikidata:Q54795189

ID: CVCL_1080

Record Creation Time: 20220427T215354+0000

Record Last Update: 20260913T012443+0000

Ratings and Alerts

No rating or validation information has been found for BC-3.

No alerts have been found for BC-3.

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](#).

Liang Z, et al. (2025) KSHV-encoded vIRF3 Cooperates with Cellular IRF4 to Drive Super-Enhancer Activity through Complex DNA Elements. bioRxiv : the preprint server for biology.

Liang Z, et al. (2025) Cytotoxicity of activator expression in CRISPR-based transcriptional activation systems. Nature communications, 16(1), 8071.

Rodina A, et al. (2023) Systems-level analyses of protein-protein interaction network dysfunctions via epichaperomics identify cancer-specific mechanisms of stress adaptation. Nature communications, 14(1), 3742.

Kumar A, et al. (2022) KSHV episome tethering sites on host chromosomes and regulation of latency-lytic switch by CHD4. Cell reports, 39(6), 110788.

Choi UY, et al. (2022) Herpesvirus-induced spermidine synthesis and eIF5A hypusination for viral episomal maintenance. Cell reports, 40(7), 111234.

Wenthe J, et al. (2021) Boosting CAR T-cell responses in lymphoma by simultaneous targeting of CD40/4-1BB using oncolytic viral gene therapy. Cancer immunology, immunotherapy : CII, 70(10), 2851.

Yan P, et al. (2020) Molecular Stressors Engender Protein Connectivity Dysfunction through Aberrant N-Glycosylation of a Chaperone. *Cell reports*, 31(13), 107840.

Morrison K, et al. (2019) The Oncogenic Kaposi's Sarcoma-Associated Herpesvirus Encodes a Mimic of the Tumor-Suppressive miR-15/16 miRNA Family. *Cell reports*, 29(10), 2961.