

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

BC-1

RRID:CVCL_1079

Type: Cell Line

Proper Citation

DSMZ Cat# ACC-677, RRID:CVCL_1079

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1079

Proper Citation: DSMZ Cat# ACC-677, RRID:CVCL_1079

Description: Cell line BC-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Primary effusion lymphoma

Defining Citation: [PMID:7670109](#), [PMID:8523568](#), [PMID:9766492](#), [PMID:15613351](#), [PMID:17121789](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:21685375](#), [PMID:27397505](#), [PMID:30894373](#), [PMID:35839778](#), [PMID:36094314](#)

Comments: 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: BC-1

Synonyms: BC1

Cross References: BTO:BTO_0002720, CLO:CLO_0001887, EFO:EFO_0002044, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-3610, ATCC:CRL-2230, BioSample:SAMN03471843, BioSample:SAMN03473432, BioSamples:SAMEA365796, BioSamples:SAMEA365808, cancercellines:CVCL_1079, Cell_Model_Passport:SIDM00896, ChEMBL-Cells:ChEMBL3307907, ChEMBL-Targets:ChEMBL614277, Cosmic:687602, Cosmic:910919, Cosmic:1515186, Cosmic:1588556, Cosmic-CLP:910919, DepMap:ACH-002214, DSMZ:ACC-677, DSMZCellDive:ACC-677, EGA:EGAS00001000978, GDSC:910919, GEO:GSM33136,

GEO:GSM38792, GEO:GSM38793, GEO:GSM634731, GEO:GSM710417, GEO:GSM710433, GEO:GSM1669610, GEO:GSM3150236, IARC_TP53:21189, IARC_TP53:23656, IGRhCellID:BC1, LINCS_LDP:LCL-1956, Lonza:914, Pharmacodb:BC1_77_2019, PRIDE:PXD012087, PRIDE:PXD030304, Progenetix:CVCL_1079, PubChem_Cell_line:CVCL_1079, Wikidata:Q54795185

ID: CVCL_1079

Vendor: DSMZ

Catalog Number: ACC-677

Record Creation Time: 20220427T215354+0000

Record Last Update: 20260904T021629+0000

Ratings and Alerts

No rating or validation information has been found for BC-1.

No alerts have been found for BC-1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

White MC, et al. (2024) Inhibition of NEK2 Promotes Chemosensitivity and Reduces KSHV-positive Primary Effusion Lymphoma Burden. Cancer research communications, 4(4), 1024.

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.

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

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.

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.