

Resource Summary Report

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

SK-BR-3

RRID:CVCL_0033

Type: Cell Line

Proper Citation

RRID:CVCL_0033

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0033

Proper Citation: RRID:CVCL_0033

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

Sex: Female

Disease: Breast adenocarcinoma

Defining Citation: [PMID:327080](#), [PMID:833871](#), [PMID:1013510](#), [PMID:1961733](#), [PMID:3518877](#), [PMID:6401685](#), [PMID:6500159](#), [PMID:6582512](#), [PMID:6935474](#), [PMID:7017212](#), [PMID:9671407](#), [PMID:10862037](#), [PMID:10969801](#), [PMID:11044355](#), [PMID:11343771](#), [PMID:12800145](#), [PMID:15677628](#), [PMID:16397213](#), [PMID:16417655](#), [PMID:16541312](#), [PMID:16957166](#), [PMID:17157791](#), [PMID:17334996](#), [PMID:18516279](#), [PMID:19582160](#), [PMID:19593635](#), [PMID:19727395](#), [PMID:20070913](#), [PMID:20215515](#), [PMID:20407441](#), [PMID:21247443](#), [PMID:21378333](#), [PMID:22460905](#), [PMID:22585861](#), [PMID:23151021](#), [PMID:23601657](#), [PMID:23671654](#), [PMID:24009699](#), [PMID:24094812](#), [PMID:24162158](#), [PMID:24176112](#), [PMID:24389870](#), [PMID:24456987](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25892236](#), [PMID:25960936](#), [PMID:26055192](#), [PMID:26378940](#), [PMID:26589293](#), [PMID:28196595](#), [PMID:28287265](#), [PMID:28889351](#), [PMID:29273624](#), [PMID:29954844](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:32942617](#)

Comments: Anecdotal: Used in a study utilising the fruit fly's olfactory system to detect cancer cells (PubMed=24389870)., Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., Part of: MD Anderson Cell Lines Project., Part of: KuDOS 95 cell line panel., Part of: JWGray breast cancer cell line panel., Part of: ICBP43 breast cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: SK-BR-3

Synonyms: SK-Br-3, Sk-Br-3, SK BR 03, SKBR-3, SKBr-3, SK-BR3, SKBr3, SkBr3, SKBR3

Cross References: BTO:BTO_0002419, CLO:CLO_0009034, CLO:CLO_0037295, EFO:EFO_0001236, MCCL:MCC:0000424, CLDB:cl4310, CLDB:cl7143, AddexBio:C0006007/65, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-TABM-157, ArrayExpress:E-TABM-244, ATCC:HTB-30, BCRJ:0226, BioGRID_ORCS_Cell_line:378, BioSample:SAMN01821597, BioSample:SAMN03471462, BioSample:SAMN10987910, cancercellines:CVCL_0033, CancerTools:161911, CCRID:1101HUM-PUMC000085, CCRID:3101HUMTCHu225, CCRID:4201HUM-CCTCC00286, CCTCC:GDC0286, Cell_Model_Passport:SIDM00897, ChEMBL-Cells:ChEMBL3308062, ChEMBL-Targets:ChEMBL613834, CLS:300333, Cosmic:687499, Cosmic:755294, Cosmic:759896, Cosmic:871159, Cosmic:894090, Cosmic:897742, Cosmic:904385, Cosmic:921974, Cosmic:923062, Cosmic:934531, Cosmic:944297, Cosmic:979713, Cosmic:991329, Cosmic:997935, Cosmic:1000127, Cosmic:1010922, Cosmic:1018478, Cosmic:1044209, Cosmic:1046958, Cosmic:1129655, Cosmic:1136357, Cosmic:1176645, Cosmic:1287914, Cosmic:1289405, Cosmic:1308997, Cosmic:1434957, Cosmic:1524342, Cosmic:1571789, Cosmic:1609462, Cosmic:2036669, Cosmic:2165013, Cosmic:2301535, Cosmic:2318379, Cosmic:2361351, DepMap:ACH-000017, DSMZ:ACC-736, DSMZCellDive:ACC-736, EGA:EGAS00001000610, EGA:EGAS00001002554, GEO:GSM69195, GEO:GSM73742, GEO:GSM115115, GEO:GSM149978, GEO:GSM149986, GEO:GSM149994, GEO:GSM152556, GEO:GSM152557, GEO:GSM152558, GEO:GSM152559, GEO:GSM154096, GEO:GSM154097, GEO:GSM154098, GEO:GSM154099, GEO:GSM154100, GEO:GSM154101, GEO:GSM154102, GEO:GSM154104, GEO:GSM154107, GEO:GSM155215, GEO:GSM170624, GEO:GSM170625, GEO:GSM170626, GEO:GSM170627, GEO:GSM170630, GEO:GSM170631, GEO:GSM170633, GEO:GSM170634, GEO:GSM183440, GEO:GSM183441, GEO:GSM186457, GEO:GSM186458, GEO:GSM217596, GEO:GSM274644, GEO:GSM274663, GEO:GSM344357, GEO:GSM344407, GEO:GSM350501, GEO:GSM378146, GEO:GSM421883, GEO:GSM481334, GEO:GSM590106, GEO:GSM595617, GEO:GSM783927, GEO:GSM827582, GEO:GSM844686, GEO:GSM844687, GEO:GSM845399, GEO:GSM847432, GEO:GSM847499, GEO:GSM887575, GEO:GSM888658, GEO:GSM1008913, GEO:GSM1038850, GEO:GSM1038851, GEO:GSM1038852, GEO:GSM1038853, GEO:GSM1038854, GEO:GSM1053720, GEO:GSM1172895, GEO:GSM1172989, GEO:GSM1214572, GEO:GSM1238124, GEO:GSM1264069, GEO:GSM1264074, GEO:GSM1264111, GEO:GSM1264116, GEO:GSM1374872, GEO:GSM1374873, GEO:GSM1374874, GEO:GSM1401659, GEO:GSM1661988, GEO:GSM1833627, GEO:GSM2258794, GEO:GSM2258795, GEO:GSM2258796, GEO:GSM2258797, GEO:GSM2258798, GEO:GSM2258799, GEO:GSM2258800, GEO:GSM2258801, GEO:GSM2258802, GEO:GSM2258803, GEO:GSM2258804, GEO:GSM2258805, GEO:GSM2258806, GEO:GSM2258807, GEO:GSM2258808, GEO:GSM2258809, GEO:GSM2258810, GEO:GSM2258811, GEO:GSM2258950, GEO:GSM2258951, GEO:GSM2258952, GEO:GSM7701439, GEO:GSM7701440, Hysigen:TCH-C328, IARC_TP53:580, IBRC:C10147, ICLC:HTL03005, IPD-IMGT/HLA:12368, IZSLER:BS TCL 156, KCB:KCB 200723YJ,

KCLB:30030, LiGeA:CCLE_391, LINCS_HMS:50057, LINCS_LDP:LCL-1475, Lonza:70, NCBI_Iran:C207, PharmacDB:SKBR3_1383_2019, PRIDE:PXD000691, PRIDE:PXD002053, PRIDE:PXD002057, PRIDE:PXD002281, PRIDE:PXD002486, PRIDE:PXD005390, PRIDE:PXD008222, Progenetix:CVCL_0033, PubChem_Cell_line:CVCL_0033, RCB:RCB2132, SLKBase:3618, TKG:TKG 0592, TOKU-E:3129, Ubigene:YC-C048, Wikidata:Q7390592

ID: CVCL_0033

Record Creation Time: 20220427T221544+0000

Record Last Update: 20260905T182358+0000

Ratings and Alerts

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

Warning: Discontinued: TKG; TKG 0592

Anecdotal: Used in a study utilising the fruit fly's olfactory system to detect cancer cells (PubMed=24389870)., Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., Part of: MD Anderson Cell Lines Project., Part of: KuDOS 95 cell line panel., Part of: JWGray breast cancer cell line panel., Part of: ICBP43 breast cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Warning: Discontinued: RCB; RCB2132

Anecdotal: Used in a study utilising the fruit fly's olfactory system to detect cancer cells (PubMed=24389870)., Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., Part of: MD Anderson Cell Lines Project., Part of: KuDOS 95 cell line panel., Part of: JWGray breast cancer cell line panel., Part of: ICBP43 breast cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., 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 3515 mentions in open access literature.

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

Perurena N, et al. (2026) EZH2 Inhibitors Sensitize Breast Cancer to HER2 Kinase Inhibitors through Cooperative Effects on YAP and Proapoptotic Regulators. Cancer research, 86(6), 1467.

Demel UM, et al. (2026) Aberrant SUMOylation Restricts the Targetable Cancer Immunoepitome. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(17), e11449.

- Ochtrup P, et al. (2026) Expanding the payload scope in antibody-drug conjugates by delivery of hydroxy-containing drugs through self-immolative phosphoramidates. *Nature communications*, 17(1), 759.
- Luque M, et al. (2026) Cancer-associated fibroblast-derived protein S100-A11 influences the response to anti-HER2 therapies in HER2-positive breast cancer. *Neoplasia (New York, N.Y.)*, 78, 101318.
- Tian M, et al. (2026) Targeted antibody-drug conjugates for rhabdomyosarcoma and other FGFR4-expressing cancers. *Cell reports. Medicine*, 7(7), 102922.
- Wang ZW, et al. (2026) Combinatorial inhibition of IGF2BP3-regulated receptor tyrosine kinases offers a new therapeutic strategy for triple-negative breast cancer. *Journal of experimental & clinical cancer research : CR*, 45(1).
- Sun Y, et al. (2026) CircNSD2 promotes metastasis and immune escape by increasing the USP10/SRSF6-mediated alternative splicing of TPM1 in TNBC. *Molecular cancer*, 25(1).
- He G, et al. (2026) Vesicle trafficking 1 in breast cancer tissue and serum orchestrates metastatic progression and an immunosuppressive microenvironment. *International immunopharmacology*, 178, 116564.
- Burnham CM, et al. (2026) An enhancement of extrachromosomal circular DNA enrichment and amplification to address the extremely low overlap between replicates. *The Journal of biological chemistry*, 302(4), 111302.
- Yao Y, et al. (2026) Identification and validation of a seven-gene metastasis-associated prognostic model in breast cancer. *Frontiers in genetics*, 17, 1770418.
- Ranganathan S, et al. (2026) Gasdermin D Cleavage and Cytokine Release, Indicative of Pyroptotic Cell Death, Induced by Ophiobolin A in Breast Cancer Cell Lines. *International journal of molecular sciences*, 27(2).
- Dang X, et al. (2026) Modular Assembly of Bioconjugates Enabled by a Pyridine-Based Chemoselective Sequential Conjugation Platform. *Angewandte Chemie (International ed. in English)*, e3286230.
- Lin X, et al. (2026) 99mTc-HP-Ark2 SPECT/CT imaging reveals dynamic HER2 regulation in trastuzumab resistance and its reversal by PI3K inhibition. *International journal of cancer*, 158(6), 1726.
- Samanta A, et al. (2026) Bacteriophage-Mimetic DNA Origami Needle for Targeted Membrane Penetration and Cytosolic Cargo Delivery. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(10), e12844.
- Venkatesh J, et al. (2026) LINC01929 mediates breast cancer immunosuppression and is an immunotherapy target. *iScience*, 29(4), 115381.
- El Sahili A, et al. (2026) Antibody-drug-conjugates prepared with Peptide Asparaginyl Ligases achieve strong in vitro and in vivo anti-tumor activity. *Molecular cancer therapeutics*.

Boz AB, et al. (2026) AXL-Driven Stemness and Hedgehog Signaling in HER2-Positive Breast Cancer with Acquired Trastuzumab Resistance: Synergistic Potential of AXL and HER2 Co-Targeting. *Life (Basel, Switzerland)*, 16(3).

Hu X, et al. (2026) Immune gene diversity and STING1 variants in shaping cancer immunity across different genetic ancestry populations. *Cell reports*, 45(2), 116882.

Qiu Z, et al. (2026) NUP62 promotes breast cancer progression and inhibits ferroptosis by stabilizing NRF2 in a KEAP1-dependent way. *iScience*, 29(5), 115484.

Zhu XR, et al. (2026) PFDN5 synergizes with anti-PD1 therapy to promote triple-negative breast cancer cell death through JAK2/STAT3/c-Myc signaling axis. *Journal of translational medicine*, 24(1).