Resource Summary Report

Generated by dkNET on Sep 16, 2026

SW1116

RRID:CVCL_0544
Type: Cell Line

Proper Citation

RRID:CVCL_0544

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0544

Proper Citation: RRID:CVCL_0544

Description: Cell line SW1116 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Colon adenocarcinoma

Defining Citation: PMID:286328, PMID:924690, PMID:1000501, PMID:1778766, PMID:3335022, PMID:3349466, PMID:3518877, PMID:6935474, PMID:7104989, PMID:7651727, PMID:8422623, PMID:9000147, PMID:9000572, PMID:11414198, PMID:11526487, PMID:12068308, PMID:16418264, PMID:16854228, PMID:18258742, PMID:20215515, PMID:20570890, PMID:20606684, PMID:22460905, PMID:23932154, PMID:24042735, PMID:24755471, PMID:24840470, PMID:25485619, PMID:25877200, PMID:25926053, PMID:25944804, PMID:26537799, PMID:26589293, PMID:27397505, PMID:28683746, PMID:28854368, PMID:29101300, PMID:30894373, PMID:31068700, PMID:35839778

Comments: Population: Caucasian., From: Scott and White Clinic; Temple; USA., 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: SW1116

Synonyms: SW-1116, SW 1116

Cross References: BTO:BTO_0001599, CLO:CLO_0009183, CLO:CLO_0009208, EFO:EFO_0002359, MCCL:MCC:0000445, CLDB:cl4429, AddexBio:C0009019/4909, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CCL-233, BCRC:60307, BioSample:SAMN03473185, BioSample:SAMN10987597, cancercelllines:CVCL_0544, CCRID:3101HUMTCHu174, CCTCC:GDC0258, Cell_Model_Passport:SIDM00835, ChEMBL-Cells:CHEMBL3308495, ChEMBL-Targets:CHEMBL614942, CLS:300348, ColonAtlas:SW1116, Cosmic:711271, Cosmic:719678, Cosmic:724847, Cosmic:733171, Cosmic:887241, Cosmic:889526, Cosmic:909746, Cosmic:948834, Cosmic:1122331, Cosmic:1187320, Cosmic:1223147, Cosmic:1310939, Cosmic:1312312, Cosmic:1479569, Cosmic:1609499, Cosmic:1676732, Cosmic:1805266, Cosmic:1995649, Cosmic:2267317, Cosmic:2302012, Cosmic:2433753, Cosmic-CLP:909746, DepMap:ACH-000489, ECACC:87071006, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:909746, GEO:GSM206546, GEO:GSM513920, GEO:GSM514307, GEO:GSM741267, GEO:GSM784013, GEO:GSM827441, GEO:GSM887664, GEO:GSM888756, GEO:GSM1006225, GEO:GSM1006226, GEO:GSM1006227, GEO:GSM1346887, GEO:GSM1374915, GEO:GSM1374916, GEO:GSM1374917, GEO:GSM1448114, GEO:GSM1670496, GEO:GSM2550012, IARC_TP53:1559, IGRhCellID:SW1116, IZSLER:BS TCL 96, KCLB:10233, LiGeA:CCLE_653, LINCS_LDP:LCL-1200, MetaboLights:MTBLS227, NCBI_Iran:C481, PharmacoDB:SW1116_1528_2019, PRIDE:PXD005235, PRIDE:PXD005354, PRIDE:PXD005355, PRIDE:PXD030304, Progenetix:CVCL_0544, PubChem_Cell_line:CVCL_0544, Wikidata:Q54971073

ID: CVCL_0544

Record Creation Time: 20220427T221614+0000

Record Last Update: 20260913T010148+0000

Ratings and Alerts

No rating or validation information has been found for SW1116.

No alerts have been found for SW1116.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 192 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Feng M, et al. (2026) Carbohydrate responsive element binding protein promotes colorectal carcinogenesis via Wnt/?-catenin pathway. Oncogene, 45(20), 1890.

Buzo K, et al. (2026) WEE1 kinase inhibition to overcome acquired resistance to targeted therapies in colorectal cancer. EMBO molecular medicine, 18(6), 2322.

Cong K, et al. (2026) A comprehensive review of anti-colorectal cancer alkaloids from traditional Chinese medicine: Sources, chemical structures, mechanisms and therapeutic applications. British journal of pharmacology.

Wu J, et al. (2026) Psoriasis modulates inflammatory bowel disease risk and intestinal epithelium lipid metabolism via IL-1?-producing macrophages. Cell metabolism, 38(5), 963.

Zhou B, et al. (2025) IMPDH2 dephosphorylation under FGFR signaling promotes S-phase progression and tumor growth. Cell reports, 44(1), 115116.

Asif PJ, et al. (2025) Mesenchymal Colorectal Cancers Secrete Vesicles With Unique Cargo That Can Be Used for Liquid Biopsy Based Diagnostics. Journal of extracellular vesicles, 14(11), e70171.

Martinez-Martinez D, et al. (2025) Chemotherapy modulation by a cancer-associated microbiota metabolite. Cell systems, 16(9), 101397.

Zhang C, et al. (2025) Targeting WEE1 in ARID1A/TP53 Concurrent Mutant Colorectal Cancer by Exploiting R-Loop Accumulation and DNA Repair Deficiencies. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e12074.

Sogari A, et al. (2024) Tolerance to colibactin correlates with homologous recombination proficiency and resistance to irinotecan in colorectal cancer cells. Cell reports. Medicine, 5(2), 101376.

Chen D, et al. (2024) RUVBL1/2 Blockade Targets YTHDF1 Activity to Suppress m6A-Dependent Oncogenic Translation and Colorectal Tumorigenesis. Cancer research, 84(17), 2856.

Qian Y, et al. (2023) The sodium channel subunit SCNN1B suppresses colorectal cancer via suppression of active c-Raf and MAPK signaling cascade. Oncogene, 42(8), 601.

Li G, et al. (2023) Antitumor activities of a defucosylated anti?EpCAM monoclonal antibody in colorectal carcinoma xenograft models. International journal of molecular medicine, 51(2).

Ma B, et al. (2023) High glucose promotes the progression of colorectal cancer by activating the BMP4 signaling and inhibited by glucagon-like peptide-1 receptor agonist. BMC cancer, 23(1), 594.

Yamasaki A, et al. (2023) Dual-targeting therapy against HER3/MET in human colorectal cancers. Cancer medicine, 12(8), 9684.

Yu H, et al. (2023) Serotonin acts through YAP to promote cell proliferation: mechanism and implication in colorectal cancer progression. Cell communication and signaling : CCS, 21(1), 75.

Gao Y, et al. (2023) Fusobacterium nucleatum stimulates cell proliferation and promotes PD-L1 expression via IFIT1-related signal in colorectal cancer. Neoplasia (New York, N.Y.), 35, 100850.

Bahman A, et al. (2023) Therapeutic efficacy of sorafenib and plant-derived phytochemicals in human colorectal cancer cells. BMC complementary medicine and therapies, 23(1), 210.

Kong Q, et al. (2023) Alternative splicing of GSDMB modulates killer lymphocyte-triggered pyroptosis. Science immunology, 8(82), eadg3196.

Omar A, et al. (2023) Epigenetic regulation in colorectal cancer: The susceptibility of microRNAs 145, 143 and 133b to DNA demethylation and histone deacetylase inhibitors. PloS one, 18(8), e0289800.

Tan G, et al. (2022) Radiosensitivity of colorectal cancer and radiation-induced gut damages are regulated by gasdermin E. Cancer letters, 529, 1.