Resource Summary Report

Generated by dkNET on Aug 31, 2026

DLD-1

RRID:CVCL_0248
Type: Cell Line

Proper Citation

RRID:CVCL_0248

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0248

Proper Citation: RRID:CVCL_0248

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

Sex: Male

Disease: Colon adenocarcinoma

Defining Citation: PMID:427742, PMID:2041050, PMID:3335022, PMID:6652615, PMID:7247963, PMID:7621404, PMID:7651727, PMID:7874267, PMID:7972006, PMID:8197130, PMID:8422623, PMID:8464898, PMID:9290701, PMID:9294210, PMID:9515795, PMID:9809040, PMID:10612807, PMID:10674020, PMID:10700188, PMID:11226274, PMID:11414198, PMID:11416159, PMID:11668190, PMID:12068308, PMID:12615714, PMID:16418264, PMID:16854228, PMID:18258742, PMID:19927377, PMID:20570890, PMID:20606684, PMID:22460905, PMID:22490663, PMID:23272949, PMID:24042735, PMID:24755471, PMID:25485619, PMID:25841592, PMID:25877200, PMID:25926053, PMID:25944804, PMID:25960936, PMID:25984343, PMID:26295583, PMID:26537799, PMID:26589293, PMID:28179481, PMID:28192450, PMID:28196595, PMID:28683746, PMID:29101300, PMID:30894373, PMID:31068700, PMID:32172478

Comments: Population: Caucasian., Part of: MD Anderson Cell Lines Project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: AstraZeneca Colorectal cell line (AZCL) panel.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: DLD-1

Synonyms: DLD 1, DLD1, CoCL3

Cross References: BTO:BTO_0000391, CLO:CLO_0002785, EFO:EFO_0006389, MCCL:MCC:0000138, CLDB:cl1065, CLDB:cl1066, AddexBio:C0009007/36, ArrayExpress:E-MTAB-2706, ATCC:CCL-221, BCRC:60132, BioGRID_ORCS_Cell_line:158, BioSample:SAMN01821551, BioSample:SAMN01821680, BioSample:SAMN03472323, cancercelllines:CVCL_0248, CCRID:1101HUM-PUMC000671, CCRID:3101HUMTCHu134, CCRID:4201HUM-CCTCC00620, Cell_Model_Passport:SIDM00787, ChEMBL-Cells:CHEMBL3307580, ChEMBL-Targets:CHEMBL614285, CLS:300220, ColonAtlas:DLD1, Cosmic:687519, Cosmic:755307, Cosmic:870451, Cosmic:873699, Cosmic:876713, Cosmic:905005, Cosmic:913890, Cosmic:934560, Cosmic:948123, Cosmic:983737, Cosmic:985994, Cosmic:1043810, Cosmic:1066204, Cosmic:1122323, Cosmic:1154643, Cosmic:1175839, Cosmic:1184082, Cosmic:1184331, Cosmic:1187305, Cosmic:1223137, Cosmic:1310949, Cosmic:1466813, Cosmic:1479591, Cosmic:1481418, Cosmic:1519360, Cosmic:1524004, Cosmic:1552176, Cosmic:1571767, Cosmic:1609511, Cosmic:1676737, Cosmic:1805251, Cosmic:2301544, Cosmic:2301972, Cosmic:2389573, Cosmic:2464668, Cosmic:2550352, Cosmic:2646769, Cosmic:2650774, Cosmic:2651870, Cosmic:2664050, Cosmic:2667971, Cosmic:2668249, Cosmic:2727471, Cosmic:2727478, Cosmic:2760067, Cosmic:2787544, Cosmic:2811050, DepMap:ACH-001061, DSMZ:ACC-278, DSMZCellDive:ACC-278, ECACC:90102540, EGA:EGAS00001000610, EGA:EGAS00001002554, ENCODE:ENCBS580BTU, ENCODE:ENCBS621AWM, GEO:GSM206467, GEO:GSM274715, GEO:GSM274716, GEO:GSM274727, GEO:GSM513817, GEO:GSM514291, GEO:GSM741247, GEO:GSM886979, GEO:GSM888048, GEO:GSM1346869, GEO:GSM1374463, GEO:GSM1448161, GEO:GSM1696579, GEO:GSM1696580, GEO:GSM1696581, GEO:GSM1696582, GEO:GSM2549997, IARC_TP53:18, ICLC:HTL95011, JCRB:JCRB9094, KCB:KCB 2011096YJ, KCLB:10221, LINCS_LDP:LCL-1175, Lonza:806, MetaboLights:MTBLS227, PharmacoDB:DLD1_294_2019, PRIDE:PXD000218, PRIDE:PXD001550, PRIDE:PXD005354, PRIDE:PXD005355, Progenetix:CVCL_0248, PubChem_Cell_line:CVCL_0248, RCB:RCB1957, SKY/M-FISH/CGH:1992, SKY/M-FISH/CGH:2763, TKG:TKG 0379, TOKU-E:1078, Wikidata:Q54831148

ID: CVCL_0248

Hierarchy: cvcl_3449

Record Creation Time: 20220427T215819+0000

Record Last Update: 20260829T232540+0000

Ratings and Alerts

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

Warning: Discontinued: RCB; RCB1957
Population: Caucasian., Part of: MD Anderson Cell Lines Project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: AstraZeneca Colorectal cell line (AZCL) panel.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 1461 mentions in open access literature.

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

Liang X, et al. (2026) Colorectal cancer-derived osteopontin rewires macrophages into a pro-metastatic M2 state via the PI3K/AKT/CSF1-CSF1R axis. Cell death discovery, 12(1), 92.

Zhang Y, et al. (2026) SERPINA3 mediates liver cancer cells escape from chemotherapy-induced neutrophil extracellular trap killing. Cell reports, 45(2), 116956.

Bloomfield M, et al. (2026) Cell and Nuclear Size Is Associated with Chromosomal Instability and Tumorigenicity in Cancer Cells That Undergo Whole Genome Doubling. Cancer research, 86(9), 2126.

Li G, et al. (2026) Mitochondrial VHL rewires cell metabolism in hypoxia. Cell metabolism, 38(1), 174.

Renner F, et al. (2026) Mosperafenib, a Novel Paradox-Breaker BRAF Inhibitor with Potent Preclinical Activity in BRAF-Mutated Colorectal Cancer. Molecular cancer therapeutics, 25(4), 599.

Zhang Z, et al. (2026) A convergent uPAR-positive tumor ecosystem creates broad vulnerability to CAR T cell therapy. Cell, 189(10), 2898.

Li D, et al. (2026) ASCL2 drives colorectal cancer metastasis through transcriptional activation of TDGF1. Cellular oncology (Dordrecht, Netherlands), 49(3).

Ebata Y, et al. (2026) Proteasome inhibitor, ixazomib prevents topoisomerase-I degradation and reverses irinotecan resistance in colorectal cancer. Molecular oncology.

Chen B, et al. (2026) BRD4-mediated ER membrane contact creates functionally distinct mitochondrial subtypes. Molecular cell, 86(5), 917.

Fu D, et al. (2026) ETV4 Promotes Colorectal Cancer Progression by Reprogramming Asparagine Metabolism to Remodel the Stromal Microenvironment. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(26), e16557.

Okamoto R, et al. (2026) Transgelin Expression in Activated Cancer-Associated Fibroblasts Regulates Stromal Contractility and Promotes Colon Cancer Progression. Cancer medicine, 15(4), e71789.

Fu R, et al. (2026) Acquired resistance to the PRMT5 inhibitor confers collateral sensitivity to MEK inhibition in MTAP-null non-small cell lung cancer. bioRxiv : the preprint server for biology.

Ai ZE, et al. (2026) Targeting ADAR1 p150 triggers tumor inhibition and antitumor immunity to overcome immunotherapy resistance. iScience, 29(6), 115978.

Sar??o??lu AO, et al. (2026) Eu(III), Tb(III), and Gd(III) Complexes With Dual Ligand Architecture: Synthesis, Characterization, Photoluminescence, Cytotoxic, and Molecular Docking Studies. Chemistry & biodiversity, 23(7), e71502.

Zhan W, et al. (2026) Cathepsin-D-mediated MHC class I degradation contributes to immune evasion in colorectal cancer. Cell reports. Medicine, 102534.

Huang M, et al. (2026) KRT81 promotes metastasis of colorectal cancer by acting as a protein scaffold for ezrin. Oncogene, 45(3), 459.

Lakha R, et al. (2026) Comparison studies between Cesium-137 and X-ray irradiators in epithelial injury using in vitro and in vivo models. bioRxiv : the preprint server for biology.

Wang P, et al. (2026) Thimerosal Inhibits Tumor Malignant Progression through Direct Action and Enhancing the Efficacy of PD-1-Based Immunotherapy. Oncology research, 34(2), 20.

Gao J, et al. (2026) AURKA-mediated destabilization of SAPS3 drives ferroptosis evasion via 7-dehydrocholesterol biosynthesis in colorectal cancer. Cell death & disease, 17(1).

Sorrenti E, et al. (2026) Intratumoral microbiota and host genotype cooperatively shape neutrophil cytotoxic functions in colorectal cancer. Cell host & microbe, 34(3), 425.