

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

HT-29

RRID:CVCL_0320

Type: Cell Line

Proper Citation

RRID:CVCL_0320

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0320

Proper Citation: RRID:CVCL_0320

Description: Cell line HT-29 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Colon adenocarcinoma

Defining Citation: [PMID:72600](#), [PMID:77569](#), [PMID:327080](#), [PMID:468301](#), [PMID:626984](#), [PMID:833871](#), [PMID:864752](#), [PMID:1159834](#), [PMID:1389533](#), [PMID:1730571](#), [PMID:1778766](#), [PMID:1937958](#), [PMID:2041050](#), [PMID:2288877](#), [PMID:3281752](#), [PMID:3335022](#), [PMID:3349466](#), [PMID:3472642](#), [PMID:3518877](#), [PMID:6220172](#), [PMID:6256643](#), [PMID:6445228](#), [PMID:6500159](#), [PMID:6582512](#), [PMID:6825208](#), [PMID:7017212](#), [PMID:7459858](#), [PMID:7651727](#), [PMID:7972006](#), [PMID:8464898](#), [PMID:8895552](#), [PMID:9000147](#), [PMID:9000572](#), [PMID:9294210](#), [PMID:9331090](#), [PMID:10612807](#), [PMID:10700174](#), [PMID:10737795](#), [PMID:11226274](#), [PMID:11414198](#), [PMID:11416159](#), [PMID:11526487](#), [PMID:11668190](#), [PMID:11687795](#), [PMID:11921276](#), [PMID:12068308](#), [PMID:15748285](#), [PMID:15900046](#), [PMID:16083285](#), [PMID:17088437](#), [PMID:18258742](#), [PMID:19372543](#), [PMID:19927377](#), [PMID:19941903](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20570890](#), [PMID:20606684](#), [PMID:20831567](#), [PMID:21912889](#), [PMID:22068913](#), [PMID:22282976](#), [PMID:22336246](#), [PMID:22347499](#), [PMID:22384151](#), [PMID:22460905](#), [PMID:22628656](#), [PMID:22940288](#), [PMID:23272949](#), [PMID:23546019](#), [PMID:23631600](#), [PMID:23856246](#), [PMID:23932154](#), [PMID:23933261](#), [PMID:24042735](#), [PMID:24279929](#), [PMID:24670534](#), [PMID:24755471](#), [PMID:25485619](#), [PMID:25841592](#), [PMID:25877200](#), [PMID:25926053](#), [PMID:25944804](#), [PMID:25984343](#), [PMID:26537799](#), [PMID:26589293](#), [PMID:27377824](#), [PMID:27397505](#), [PMID:27807467](#), [PMID:28179481](#), [PMID:28192450](#), [PMID:28196595](#), [PMID:28683746](#), [PMID:28854368](#), [PMID:29101300](#), [PMID:29207035](#), [PMID:29787047](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31733513](#), [PMID:31978347](#), [PMID:32172478](#), [PMID:32927768](#),

[PMID:33389257](#), [PMID:35839778](#), [PMID:36648961](#), [PMID:38861359](#)

Comments: Caution: Indicated in PubMed=11921276 as originating from an adenocarcinoma of the rectosigmoid part of the intestine, but is only indicated in the oldest publication (DOI=10.1007/978-1-4757-1647-4_5) as a colon adenocarcinoma., Karyotypic information: Hypertriploid karyotype., Virology: Not susceptible to infection by SARS coronavirus 2 (SARS-CoV-2) (COVID-19) (PubMed=33389257)., Population: Caucasian., From: Memorial Sloan Kettering Cancer Center; New York; USA., Part of: NCI-60 cancer cell line panel., Part of: MD Anderson Cell Lines Project., Part of: KuDOS 95 cell line panel., Part of: JFCR39 cancer cell line panel., Part of: COSMIC 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: HT-29

Synonyms: HT 29, HT29

Cross References: BTO:BTO_0000182, CLO:CLO_0004283, EFO:EFO_0001193, MCCL:MCC:0000213, CLDB:cl1747, CLDB:cl1748, CLDB:cl1749, CLDB:cl1751, CLDB:cl1752, CLDB:cl1753, CLDB:cl1754, CLDB:cl4978, CLDB:cl5205, ABM:T8972, AddexBio:C0009004/48, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-38, BCRJ:0111, BioGRID_ORCS_Cell_line:179, BioSample:SAMN01821565, BioSample:SAMN03470953, BioSample:SAMN05292462, BioSample:SAMN10988348, cancercellines:CVCL_0320, CancerTools:161929, CCLV:CCLV-RIE 0960, CCRID:1101HUM-PUMC000109, CCRID:3101HUMSCSP5032, CCRID:3101HUMTCHu103, CCRID:4201HUM-CCTCC00149, CCRID:5301HUM-KCB05008YJ, CCTCC:GDC0149, Cell_Model_Passport:SIDM00136, ChEMBL-Cells:ChEMBL3307768, ChEMBL-Targets:ChEMBL384, CLS:300215, ColonAtlas:HT29, Cosmic:685867, Cosmic:711273, Cosmic:720331, Cosmic:738929, Cosmic:755308, Cosmic:875295, Cosmic:875898, Cosmic:876716, Cosmic:887217, Cosmic:889523, Cosmic:897459, Cosmic:902789, Cosmic:905939, Cosmic:913891, Cosmic:934562, Cosmic:948132, Cosmic:974246, Cosmic:983739, Cosmic:995412, Cosmic:1043817, Cosmic:1045405, Cosmic:1057765, Cosmic:1067225, Cosmic:1071887, Cosmic:1092605, Cosmic:1122326, Cosmic:1132575, Cosmic:1154652, Cosmic:1175842, Cosmic:1176613, Cosmic:1184093, Cosmic:1184326, Cosmic:1223142, Cosmic:1248331, Cosmic:1295658, Cosmic:1299294, Cosmic:1305355, Cosmic:1310947, Cosmic:1312339, Cosmic:1436019, Cosmic:1466816, Cosmic:1479609, Cosmic:1481417, Cosmic:1482521, Cosmic:1524327, Cosmic:1537489, Cosmic:1571769, Cosmic:1609503, Cosmic:1676733, Cosmic:1708406, Cosmic:1803945, Cosmic:1888955, Cosmic:1889160, Cosmic:1933016, Cosmic:1945866, Cosmic:1995448, Cosmic:1998447, Cosmic:2036654, Cosmic:2052596, Cosmic:2145575, Cosmic:2156939, Cosmic:2301545, Cosmic:2301988, Cosmic:2389572, Cosmic:2433757, Cosmic:2550354, Cosmic:2646771, Cosmic:2664047, Cosmic:2667882, Cosmic:2668251, Cosmic:2727481, Cosmic:2760077, Cosmic:2787549, Cosmic:2800591, Cosmic:2811052, Cosmic-CLP:905939, DepMap:ACH-000552, DSMZ:ACC-299, DSMZCellDive:ACC-299, ECACC:91072201, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, ENCODE:ENCBS604AAA, ENCODE:ENCBS605AAA, ENCODE:ENCBS668UDT,

ENCODE:ENCBS814TLB, ENCODE:ENCBS836FPI, ENCODE:ENCBS914HXH, GDSC:905939, GEO:GSM811, GEO:GSM2112, GEO:GSM50190, GEO:GSM50254, GEO:GSM206503, GEO:GSM274780, GEO:GSM288491, GEO:GSM288497, GEO:GSM288499, GEO:GSM513815, GEO:GSM514295, GEO:GSM736967, GEO:GSM741261, GEO:GSM743445, GEO:GSM799333, GEO:GSM799396, GEO:GSM827150, GEO:GSM887141, GEO:GSM888212, GEO:GSM1006213, GEO:GSM1006214, GEO:GSM1006215, GEO:GSM1153403, GEO:GSM1178239, GEO:GSM1178240, GEO:GSM1178241, GEO:GSM1181252, GEO:GSM1181366, GEO:GSM1346844, GEO:GSM1374561, GEO:GSM1374562, GEO:GSM1374563, GEO:GSM1374564, GEO:GSM1448179, GEO:GSM1669913, GEO:GSM2124658, GEO:GSM2550003, IARC_TP53:23, IBRC:C10097, ICLC:HTL99026, IZSLER:BS TCL 132, KCB:KCB 200508YJ, KCLB:30038, LiGeA:CCLE_686, LINCS_LDP:LCL-1180, Lonza:430, MeSH:D019073, MetaboLights:MTBLS227, MetaboLights:MTBLS1358, NCBI_Iran:C466, NCI-DTP:HT-29, PharmacDB:HT29_630_2019, PRIDE:PRD000369, PRIDE:PRD000414, PRIDE:PXD001271, PRIDE:PXD001550, PRIDE:PXD003539, PRIDE:PXD003623, PRIDE:PXD005235, PRIDE:PXD005354, PRIDE:PXD005355, PRIDE:PXD005942, PRIDE:PXD005946, PRIDE:PXD030304, PRIDE:PXD037651, Progenetix:CVCL_0320, PubChem_Cell_line:CVCL_0320, SKY/M-FISH/CGH:1435, SKY/M-FISH/CGH:2124, SKY/M-FISH/CGH:2836, TOKU-E:1968, Ubigen:YC-C008, Wikidata:Q28334700

ID: CVCL_0320

Record Creation Time: 20220427T220617+0000

Record Last Update: 20260913T004530+0000

Ratings and Alerts

No rating or validation information has been found for HT-29.

No alerts have been found for HT-29.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 9579 mentions in open access literature.

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

Xinmo F, et al. (2026) Integrative Multiomics and Single-Cell Analyses Identify FKBP10 as a Predictor of Radiotherapy Outcome in Colorectal Cancer. Human mutation, 2026, 3905052.

Sritharan S, et al. (2026) Secretion of IL-6 and TGF- β 2 by Colon Cancer Cells May Promote Resistance to Chemotherapy. Indian journal of clinical biochemistry : IJCB, 41(2),

Duan X, et al. (2026) DDR1 Promotes Immune Evasion in Colorectal Cancer by Orchestrating IL33-Mediated M2-like Polarization of Tumor-Associated Macrophages. *Cancer immunology research*, 14(6), 900.

Jin W, et al. (2026) Epithelial Gab1 Restricts Sepsis-Induced Intestinal Injury by Orchestrating TNF/NF- κ B Axis. *Mediators of inflammation*, 2026, 5486971.

Rasamalla SP, et al. (2026) Multi-Target Anticancer Activity of *Justicia betonica* L.: Phytochemical Profiling, In Silico Screening, and Preclinical Evaluation. *Chemistry & biodiversity*, 23(2), e02688.

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Yadav V, et al. (2026) Exploring Synergistic Potential of Sorafenib and Atorvastatin to Launch Apoptosis and Ferroptosis-driven Mixed Cell Death Mechanism in Colorectal Cancer. *AAPS PharmSciTech*, 27(5).

Namba S, et al. (2026) Mechanism-based prediction of drug synergy via network controllability analysis of therapeutic pathways in intractable diseases. *iScience*, 29(4), 115339.

Liu M, et al. (2026) *Medicago Sativa* L. Saponin-Driven *Lactobacillus Intestinalis* Restores Intestinal Stemness in Naturally Aged Mice via the Bile Acid-FXR-Wnt Signaling Axis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(4), e15370.

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Kim H, et al. (2026) Increased vulnerability of colorectal cancer models with high alkylation damage to NTHL1 inactivation. *Scientific reports*, 16(1).

Glassman CR, et al. (2026) Virome-wide ubiquitin ligase discovery reveals diverse mechanisms of immune evasion. *Science (New York, N.Y.)*.

Liang J, et al. (2026) DHODH is a synthetic lethal target in PIK3CA-mutant colorectal cancer. *Cell reports*, 45(8), 117719.

Hollek V, et al. (2026) Pooled single-cell screen in colorectal cancer defines transcriptional modules linked to oncogenes. *Molecular systems biology*, 22(3), 435.

Guo Y, et al. (2026) Mechanistic diversity of *Bacteroides fragilis* toxins and neutralization with single domain antibody. *Cell chemical biology*, 33(1), 102.

Chen W, et al. (2026) USP35 Acts as a Deubiquitinating Enzyme for ID3 to Promote Immune Escape in Colorectal Cancer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e16588.

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.

Cui F, et al. (2026) Revealing the Action Mechanism of Exogenous Hydrogen Sulfide Intervention in Colorectal Cancer Pathogenesis Based on Multiomics Analysis and Experimental Validation. *Human mutation*, 2026, 5595505.