Resource Summary Report

Generated by RRID on Aug 31, 2026

TC-71

RRID:CVCL_2213
Type: Cell Line

Proper Citation

RRID:CVCL_2213

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2213

Proper Citation: RRID:CVCL_2213

Description: Cell line TC-71 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Ewing sarcoma

Defining Citation: PMID:3004699, PMID:3390826, PMID:8040301, PMID:8617485, PMID:9823299, PMID:11891184, PMID:15150091, PMID:18160777, PMID:19787792, PMID:20197622, PMID:20922763, PMID:21822310, PMID:22142829, PMID:22460905, PMID:24312454, PMID:25010205, PMID:25223734, PMID:25485619, PMID:25877200, PMID:25984343, PMID:26351324, PMID:26428435, PMID:26589293, PMID:27397505, PMID:28196595, PMID:29464090, PMID:30879952, PMID:30894373, PMID:30962207, PMID:30971826, PMID:31068700, PMID:31978347, PMID:35839778, PMID:36476851

Comments: Population: Caucasian., Part of: NCI Pediatric Preclinical Testing Program (PPTP) cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Ewing Sarcoma Cell Line Atlas (ESCLA)., 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: TC-71

Synonyms: TC71, GM11654

Cross References: BTO:BTO_0002604, CLO:CLO_0009879, CLO:CLO_0021329, EFO:EFO_0002865, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770,

ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:200, BioSample:SAMN03473241, BioSample:SAMN10987608, cancercelllines:CVCL_2213, Cell_Model_Passport:SIDM00419, Coriell:GM11654, Cosmic:1078383, Cosmic:1082507, Cosmic:1112132, Cosmic:1718433, Cosmic:2228246, Cosmic:2250474, Cosmic:2294589, Cosmic-CLP:1240221, DepMap:ACH-000424, DSMZ:ACC-516, DSMZCellDive:ACC-516, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:1240221, GEO:GSM510013, GEO:GSM887689, GEO:GSM888781, GEO:GSM1670525, GEO:GSM1676323, GEO:GSM1701656, GEO:GSM4368464, GEO:GSM5359718, GEO:GSM5359719, GEO:GSM5359720, GEO:GSM5359721, GEO:GSM5359722, GEO:GSM5359723, GEO:GSM5362946, GEO:GSM5362947, GEO:GSM5362954, GEO:GSM5362956, GEO:GSM5362963, GEO:GSM5362964, GEO:GSM5364016, GEO:GSM5364017, GEO:GSM5364018, GEO:GSM5364019, GEO:GSM5364020, IARC_TP53:15970, IARC_TP53:27040, LiGeA:CCLE_900, LINCS_LDP:LCL-1438, PharmacoDB:TC71_1567_2019, PRIDE:PXD012680, PRIDE:PXD030304, Progenetix:CVCL_2213, Wikidata:Q54971816

ID: CVCL_2213

Record Creation Time: 20220427T221621+0000

Record Last Update: 20260830T000056+0000

Ratings and Alerts

No rating or validation information has been found for TC-71.

No alerts have been found for TC-71.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 144 mentions in open access literature.

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

Downing NF, et al. (2026) PRC2/FOXO1-Mediated Repression Determines Interchangeability of ETS Oncogenes in Prostate Cancer and Ewing Sarcoma. Molecular cancer research : MCR, 24(1), 48.

Burke CM, et al. (2026) Antitumor Activity of Trastuzumab Deruxtecan in Pediatric Solid Tumors with Variable HER2 Expression. Molecular cancer therapeutics, 25(1), 156.

Koppenhafer SL, et al. (2026) DNA replication stress and translational repression converge to drive CDK1- and caspase-dependent apoptosis in Ewing sarcoma. Oncogene, 45(28), 2823.

Koppenhafer SL, et al. (2025) Histone Deacetylase Inhibitors Target DNA Replication Regulators and Replication Stress in Ewing Sarcoma Cells. Cancer research communications, 5(6), 1034.

Frezza V, et al. (2025) DHX9 helicase impacts on splicing decisions by modulating U2 snRNP recruitment in Ewing sarcoma cells. Nucleic acids research, 53(4).

Ceranski AK, et al. (2025) Refined culture conditions with increased physiological relevance uncover oncogene-dependent metabolic signatures in Ewing sarcoma spheroids. Cell reports methods, 5(2), 100966.

Lind??n M, et al. (2025) FET fusion oncoproteins enrich SWI/SNF complex subtypes and interaction partners. Cellular & molecular biology letters, 30(1), 107.

Suvarna K, et al. (2024) Ceramide-induced cleavage of GPR64 intracellular domain drives Ewing sarcoma. Cell reports, 43(8), 114497.

Merk DJ, et al. (2024) Functional screening reveals genetic dependencies and diverging cell cycle control in atypical teratoid rhabdoid tumors. Genome biology, 25(1), 301.

Kailayangiri S, et al. (2024) Protocol for assessing GD2 on formalin-fixed paraffin-embedded tissue sections using immunofluorescence staining. STAR protocols, 5(3), 103199.

Manara MC, et al. (2024) Engagement of CD99 Activates Distinct Programs in Ewing Sarcoma and Macrophages. Cancer immunology research, 12(2), 247.

Graca Marques J, et al. (2024) The Chromatin Remodeler CHD4 Sustains Ewing Sarcoma Cell Survival by Controlling Global Chromatin Architecture. Cancer research, 84(2), 241.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. Cell chemical biology, 31(7), 1247.

Randolph ME, et al. (2024) RNA helicase DDX3 regulates RAD51 localization and DNA damage repair in Ewing sarcoma. iScience, 27(2), 108925.

Green D, et al. (2023) YBX1-interacting small RNAs and RUNX2 can be blocked in primary bone cancer using CADD522. Journal of bone oncology, 39, 100474.

Randolph ME, et al. (2023) RNA Helicase DDX3 Regulates RAD51 Localization and DNA Damage Repair in Ewing Sarcoma. bioRxiv : the preprint server for biology.

Palombo R, et al. (2023) Inhibition of the PI3K/AKT/mTOR signaling promotes an M1 macrophage switch by repressing the ATF3-CXCL8 axis in Ewing sarcoma. Cancer letters, 555, 216042.

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.

Mallard HJ, et al. (2023) USP1 Expression Driven by EWS::FLI1 Transcription Factor Stabilizes Survivin and Mitigates Replication Stress in Ewing Sarcoma. Molecular cancer

research : MCR, 21(11), 1186.

Turaga SM, et al. (2023) Inducing Mitotic Catastrophe as a Therapeutic Approach to Improve Outcomes in Ewing Sarcoma. Cancers, 15(20).