

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 25, 2025

SW837

RRID:CVCL_1729

Type: Cell Line

Proper Citation

(RRID:CVCL_1729)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1729

Proper Citation: (RRID:CVCL_1729)

Sex: Male

Defining Citation: [PMID:286328](#), [PMID:924690](#), [PMID:1000501](#), [PMID:6652615](#), [PMID:7104989](#), [PMID:7651727](#), [PMID:7824277](#), [PMID:8464898](#), [PMID:9715273](#), [PMID:10612807](#), [PMID:10737795](#), [PMID:11226274](#), [PMID:11687795](#), [PMID:12068308](#), [PMID:16418264](#), [PMID:18258742](#), [PMID:19927377](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:20570890](#), [PMID:20606684](#), [PMID:22460905](#), [PMID:23272949](#), [PMID:23932154](#), [PMID:24755471](#), [PMID:24840470](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25926053](#), [PMID:25944804](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:28683746](#), [PMID:28854368](#), [PMID:29101300](#), [PMID:29444439](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31395879](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Omics: Transcriptome analysis by serial analysis of gene expression (SAGE)., Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: Protein expression by reverse-phase protein arrays., Omics: O-glycan profiling., Omics: N-glycan profiling., Omics: miRNA expression profiling., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep quantitative phosphoproteome analysis., Omics: Deep proteome analysis., Omics: Deep exome analysis., Omics: CRISPR phenotypic screen., Omics: CNV analysis., Population: Caucasian., From: Scott and White Clinic; Temple; USA., Part of: TCGA-110-CL cell line panel., Part of: NCI RAS program mutant KRAS cell line panel., Part of: MD Anderson Cell Lines Project., Part of: FGFR genetic alteration cell panel (ATCC TCP-1034)., 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

Name: SW837

Synonyms: SW-837, SW 837

Cross References: CLO:CLO_0009200, CLO:CLO_0009224, EFO:EFO_0002372, CLDB:cl4447, CLDB:cl4448, CLDB:cl4972, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CCL-235, BioGRID_ORCS_Cell_line:453, BioSample:SAMN03472312, BioSample:SAMN10987996, cancercellines:CVCL_1729, Cell_Model_Passport:SIDM00833, ChEMBL-Cells:ChEMBL3308361, ChEMBL-Targets:ChEMBL1075596, ColonAtlas:SW837, Cosmic:724852, Cosmic:873707, Cosmic:909755, Cosmic:948839, Cosmic:983734, Cosmic:985589, Cosmic:986021, Cosmic:995397, Cosmic:1043830, Cosmic:1122334, Cosmic:1132696, Cosmic:1184090, Cosmic:1310943, Cosmic:1312316, Cosmic:1374627, Cosmic:1479571, Cosmic:1676728, Cosmic:1708404, Cosmic:1805269, Cosmic:1995655, Cosmic:2302020, Cosmic:2664051, Cosmic:2760072, Cosmic:2800571, Cosmic-CLP:909755, DepMap:ACH-000421, ECACC:91031104, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:909755, GEO:GSM817, GEO:GSM206554, GEO:GSM383864, GEO:GSM513925, GEO:GSM514315, GEO:GSM741265, GEO:GSM827281, GEO:GSM887679, GEO:GSM888771, GEO:GSM1006239, GEO:GSM1006240, GEO:GSM1006241, GEO:GSM1346893, GEO:GSM1374937, GEO:GSM1448195, GEO:GSM1670513, GEO:GSM2550018, IARC_TP53:95, IARC_TP53:23571, ICLC:HTL99021, IGRhCellID:SW837, JCRB:JCRB9115, LiGeA:CCLE_838, LINCX_LDP:LCL-1292, Lonza:1348, NCBI_Iran:C510, PharmacDB:SW837_1546_2019, PRIDE:PXD005235, PRIDE:PXD005354, PRIDE:PXD005355, PRIDE:PXD030304, Progenetix:CVCL_1729, PubChem_Cell_line:CVCL_1729, SKY/M-FISH/CGH:2849, Wikidata:Q54971210

ID: CVCL_1729

Record Creation Time: 20250131T202736+0000

Ratings and Alerts

No rating or validation information has been found for SW837.

No alerts have been found for SW837.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Edelmann M, et al. (2024) Tumor Vessel Normalization via PFKFB3 Inhibition Alleviates Hypoxia and Increases Tumor Necrosis in Rectal Cancer upon Radiotherapy. Cancer research communications, 4(8), 2008.

Pacini C, et al. (2024) A comprehensive clinically informed map of dependencies in cancer cells and framework for target prioritization. Cancer cell, 42(2), 301.

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

Weng W, et al. (2023) AMT-562, a Novel HER3-targeting Antibody-Drug Conjugate, Demonstrates a Potential to Broaden Therapeutic Opportunities for HER3-expressing Tumors. Molecular cancer therapeutics, 22(9), 1013.

Hondo N, et al. (2023) MEK inhibitor and anti-EGFR antibody overcome sotorasib resistance signals and enhance its antitumor effect in colorectal cancer cells. Cancer letters, 567, 216264.

Ramos H, et al. (2021) A selective p53 activator and anticancer agent to improve colorectal cancer therapy. Cell reports, 35(2), 108982.

McFall T, et al. (2021) Identification of RAS mutant biomarkers for EGFR inhibitor sensitivity using a systems biochemical approach. Cell reports, 37(11), 110096.

Ferrandon S, et al. (2020) CoA Synthase (COASY) Mediates Radiation Resistance via PI3K Signaling in Rectal Cancer. Cancer research, 80(2), 334.

Janes MR, et al. (2018) Targeting KRAS Mutant Cancers with a Covalent G12C-Specific

Inhibitor. *Cell*, 172(3), 578.

Clarke PA, et al. (2016) Assessing the mechanism and therapeutic potential of modulators of the human Mediator complex-associated protein kinases. *eLife*, 5.