

Resource Summary Report

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FHC

RRID:CVCL_3688

Type: Cell Line

Proper Citation

RRID:CVCL_3688

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3688

Proper Citation: RRID:CVCL_3688

Description: Cell line FHC is a Spontaneously immortalized cell line with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:6519668](#), [PMID:20193843](#)

Comments: Karyotypic information: Is hypotriploid, has >20 copies of the 8q23~8q24.3 region containing MYC (PubMed=20193843)., Characteristics: Forms solid tumors after transplantation into SCID mice.

Category: Spontaneously immortalized cell line

Organism: Homo sapiens (Human)

Name: FHC

Synonyms: Fetal Human Colon

Cross References: BTO:BTO_0003808, CLO:CLO_0003236, AddexBio:P0009022/4980, ATCC:CRL-1831, BioSample:SAMN03471253, CCRID:5301HUM-KCB18026YJ, ChEMBL-Cells:ChEMBL3308603, ChEMBL-Targets:ChEMBL614654, GEO:GSM1448155, IARC_TP53:28522, KCB:KCB 2017068YJ, KCB:KCB 2018026YJ, PubChem_Cell_line:CVCL_3688, Wikidata:Q54834869

ID: CVCL_3688

Record Creation Time: 20220427T215847+0000

Record Last Update: 20260829T232653+0000

Ratings and Alerts

No rating or validation information has been found for FHC.

No alerts have been found for FHC.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Xie B, et al. (2026) Tryptophan metabolic gatekeeping in epithelial repair: GPR35-KLF5 circuitry decodes mucosal damage signals for repair programming. *Cell death & disease*, 17(1), 25.

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

Lou S, et al. (2025) A TRIM21-UCHL3-ITCH-SIPA1 axis promotes colorectal cancer growth and metastasis. *Cancer letters*, 639, 218221.

Liu Y, et al. (2025) DNA hypomethylation promotes UHRF1-and SUV39H1/H2-dependent crosstalk between H3K18ub and H3K9me3 to reinforce heterochromatin states. *Molecular cell*, 85(2), 394.

Li T, et al. (2024) Serotonin Receptor HTR2B Facilitates Colorectal Cancer Metastasis via CREB1-ZEB1 Axis-Mediated Epithelial-Mesenchymal Transition. *Molecular cancer research : MCR*, 22(6), 538.

Chang Y, et al. (2022) Substrate rigidity dictates colorectal tumorigenic cell stemness and metastasis via CRAD-dependent mechanotransduction. *Cell reports*, 38(7), 110390.

Xie C, et al. (2022) PTBP3 modulates P53 expression and promotes colorectal cancer cell proliferation by maintaining UBE4A mRNA stability. *Cell death & disease*, 13(2), 128.

Wang J, et al. (2022) Enterobacterial LPS-inducible LINC00152 is regulated by histone lactylation and promotes cancer cells invasion and migration. *Frontiers in cellular and infection microbiology*, 12, 913815.

Yan L, et al. (2021) Super-enhancer-associated long noncoding RNA AC005592.2 promotes tumor progression by regulating OLFM4 in colorectal cancer. *BMC cancer*, 21(1), 187.

O'Connell CE, et al. (2021) Combined Inhibition of p38MAPK and PIKfyve Synergistically Disrupts Autophagy to Selectively Target Cancer Cells. *Cancer research*, 81(11), 2903.

Johnstone SE, et al. (2020) Large-Scale Topological Changes Restrained Malignant Progression in Colorectal Cancer. *Cell*, 182(6), 1474.

Luo X, et al. (2020) Long Non-Coding RNA LINC00239 Functions as a Competitive Endogenous RNA by Sponging microRNA-484 and Enhancing KLF12 Expression to Promote the Oncogenicity of Colorectal Cancer. *OncoTargets and therapy*, 13, 12067.

Nagasawa I, et al. (2020) Identification of a Small Compound Targeting PKM2-Regulated Signaling Using 2D Gel Electrophoresis-Based Proteome-wide CETSA. *Cell chemical biology*, 27(2), 186.

Sun Y, et al. (2020) Roles of DANCER/microRNA-518a-3p/MDM2 ceRNA network in the growth and malignant behaviors of colon cancer cells. *BMC cancer*, 20(1), 434.

Delgado-Roche L, et al. (2020) Polyphenolic Fraction Obtained From *Thalassia testudinum* Marine Plant and Thalassiolin B Exert Cytotoxic Effects in Colorectal Cancer Cells and Arrest Tumor Progression in a Xenograft Mouse Model. *Frontiers in pharmacology*, 11, 592985.

Jonus HC, et al. (2020) Thiamine mimetics sulbutiamine and benfotiamine as a nutraceutical approach to anticancer therapy. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 121, 109648.

Zheng K, et al. (2019) Ethanol promotes alcohol-related colorectal cancer metastasis via the TGF- β /RUNX3/Snail axis by inducing TGF- β 1 upregulation and RUNX3 cytoplasmic mislocalization. *EBioMedicine*, 50, 224.

Quereda V, et al. (2019) Therapeutic Targeting of CDK12/CDK13 in Triple-Negative Breast Cancer. *Cancer cell*, 36(5), 545.

Kim MJ, et al. (2018) PAF-Myc-Controlled Cell Stemness Is Required for Intestinal Regeneration and Tumorigenesis. *Developmental cell*, 44(5), 582.