Resource Summary Report

Generated by RRID on Sep 6, 2026

FLO-1

RRID:CVCL_2045
Type: Cell Line

Proper Citation

RRID:CVCL_2045

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2045

Proper Citation: RRID:CVCL_2045

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

Sex: Male

Disease: Barrett adenocarcinoma

Defining Citation: PMID:9407969, PMID:10078940, PMID:20075370, PMID:23795680, PMID:27397505, PMID:27594985, PMID:30894373, PMID:30971826, PMID:35839778

Comments: Population: Caucasian., 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: FLO-1

Synonyms: Flo-1, Flo 1, FLO1, FLO

Cross References: BTO:BTO_0003641, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:880, BioSample:SAMN03473447, cancercelllines:CVCL_2045, Cell_Model_Passport:SIDM01041, Cosmic:1599339, Cosmic-CLP:1503361, DepMap:ACH-001500, DSMZ:ACC-698, DSMZCellDive:ACC-698, ECACC:11012001, EGA:EGAS00001000978, GDSC:1503361, GEO:GSM1669793, IARC_TP53:21628, PharmacoDB:FLO1_367_2019, PRIDE:PXD030304, Wikidata:Q54834992

ID: CVCL_2045

Record Creation Time: 20220427T215850+0000

Record Last Update: 20260905T175333+0000

Ratings and Alerts

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

No alerts have been found for FLO-1.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Liu D, et al. (2024) Predictive biomarkers for response to TGF- ?? inhibition in resensitizing chemo(radiated) esophageal adenocarcinoma. Pharmacological research, 207, 107315.

van der Zalm AP, et al. (2024) The pluripotency factor NANOG contributes to mesenchymal plasticity and is predictive for outcome in esophageal adenocarcinoma. Communications medicine, 4(1), 89.

Huang YJ, et al. (2024) Targeting c-MET for Endoscopic Detection of Dysplastic Lesions Within Barrett's Esophagus Using EMI-137 Fluorescence Imaging. Clinical cancer research : an official journal of the American Association for Cancer Research.

Bozzarelli I, et al. (2024) miRNA-221 and miRNA-483-3p Dysregulation in Esophageal Adenocarcinoma. Cancers, 16(3).

Zhang J, et al. (2023) Phosphohistidine signaling promotes FAK-RB1 interaction and growth factor-independent proliferation of esophageal squamous cell carcinoma. Oncogene, 42(6), 449.

Creemers A, et al. (2022) FOXO transcriptional activity is associated with response to chemoradiation in EAC. Journal of translational medicine, 20(1), 183.

Dings MPG, et al. (2022) Estrogen-related receptor alpha drives mitochondrial biogenesis and resistance to neoadjuvant chemoradiation in esophageal cancer. Cell reports. Medicine, 3(11), 100802.

Fujihara KM, et al. (2022) Eprenetapopt triggers ferroptosis, inhibits NFS1 cysteine desulfurase, and synergizes with serine and glycine dietary restriction. Science advances, 8(37), eabm9427.

Song JH, et al. (2021) Novel Long Noncoding RNA miR205HG Functions as an Esophageal Tumor-Suppressive Hedgehog Inhibitor. Cancers, 13(7).

Sadatomi D, et al. (2020) Weak acids induce PGE2 production in human oesophageal cells: novel mechanisms underlying GERD symptoms. Scientific reports, 10(1), 20775.

Zhang J, et al. (2019) Glucose Drives Growth Factor-Independent Esophageal Cancer Proliferation via Phosphohistidine-Focal Adhesion Kinase Signaling. Cellular and molecular gastroenterology and hepatology, 8(1), 37.