

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

ME-180

RRID:CVCL_1401

Type: Cell Line

Proper Citation

RRID:CVCL_1401

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1401

Proper Citation: RRID:CVCL_1401

Description: Cell line ME-180 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Human papillomavirus-related cervical squamous cell carcinoma

Defining Citation: [PMID:77569](#), [PMID:327080](#), [PMID:833871](#), [PMID:2990217](#), [PMID:3371749](#), [PMID:3518877](#), [PMID:4317734](#), [PMID:6220172](#), [PMID:6500159](#), [PMID:6582512](#), [PMID:7017212](#), [PMID:7459858](#), [PMID:7751322](#), [PMID:8380785](#), [PMID:8931502](#), [PMID:9290701](#), [PMID:9887230](#), [PMID:15531914](#), [PMID:17325662](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22710073](#), [PMID:24134916](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:27561551](#), [PMID:29156801](#), [PMID:30894373](#), [PMID:35839778](#)

Comments: Virology: Contains a complete HPV68 genome., Population: Caucasian., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., 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: ME-180

Synonyms: Me-180, ME 180, ME180

Cross References: CLO:CLO_0007657, CLO:CLO_0050924, EFO:EFO_0006646, CLDB:cl3429, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-

MTAB-3610, ATCC:CRL-7932, ATCC:HTB-33, BioSample:SAMN03471125, BioSample:SAMN03472007, BioSample:SAMN03472511, BioSample:SAMN03473047, cancercellines:CVCL_1401, CCRID:3101HUMTCHu177, Cell_Model_Passport:SIDM00627, ChEMBL-Cells:ChEMBL3308114, ChEMBL-Targets:ChEMBL1075499, CLS:300196, Cosmic:687514, Cosmic:760223, Cosmic:809228, Cosmic:846185, Cosmic:877466, Cosmic:928909, Cosmic:1071909, Cosmic:1102582, Cosmic:1131524, Cosmic:1175837, Cosmic:1176609, Cosmic:1193031, Cosmic:1995503, Cosmic:2301541, Cosmic:2546868, Cosmic:2660192, Cosmic:2816215, Cosmic-CLP:687514, DepMap:ACH-001359, EGA:EGAS00001000610, EGA:EGAS00001000978, FANTOM5_SSTAR:10553-10714, GDSC:687514, GEO:GSM113864, GEO:GSM253300, GEO:GSM595618, GEO:GSM675736, GEO:GSM685436, GEO:GSM827202, GEO:GSM1670090, IARC_TP53:21490, ICLC:HTL96027, IGRhCellID:ME180%20GEO, JCRB:JCRB0810, KCLB:30033, LINCS_LDP:LCL-1305, PharmacDB:ME180_910_2019, PRIDE:PXD003668, PRIDE:PXD030304, Progenetix:CVCL_1401, PubChem_Cell_line:CVCL_1401, RCB:RCB2106, TKG:TKG 0437, TOKU-E:2410, Wikidata:Q54904901

ID: CVCL_1401

Record Creation Time: 20220427T220759+0000

Record Last Update: 20260905T181129+0000

Ratings and Alerts

No rating or validation information has been found for ME-180.

Warning: Discontinued: ATCC; CRL-7932

Virology: Contains a complete HPV68 genome., Population: Caucasian., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 174 mentions in open access literature.

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

Lou H, et al. (2026) PIK3CA mutant cervical cancer is selectively suppressed by PI3K? inhibition (Alpelisib/BYL-719 and Inavolisib/GDC-0077) and cooperates with HPV directed T cell therapy. Neoplasia (New York, N.Y.), 76, 101305.

Yapindi L, et al. (2026) Dual Inhibition of TRIP13 and Aurora A Induces Mitotic DNA Damage and Concurrent Pyroptotic-Apoptotic Cell Death in Rb-Deficient Cancer Cells.

Clinical cancer research : an official journal of the American Association for Cancer Research, 32(14), 3043.

Sultana S, et al. (2026) Targeting Cancer Cells With Co(III)-Bipyridyl Complex: A Combined In Vitro and In Silico Study on U87MG and ME-180 Cell Lines. *Chemistry & biodiversity*, 23(6), e71370.

Lou H, et al. (2026) A Three-subtype Molecular model of Cervical Cancer: Multiple PI3K Pathway inhibitors suppress growth and cooperate with HPV-directed immunotherapy. *medRxiv : the preprint server for health sciences*.

Taniwaki M, et al. (2025) Calmodulin-Like Protein 5 (CALML5) Expression in Squamous Cell Carcinoma of Esophagus and Oropharynx. *Acta histochemica et cytochemica*, 58(2), 45.

Sui H, et al. (2024) LRRC75A-AS1 drives the epithelial-mesenchymal transition in cervical cancer by binding IGF2BP1 and inhibiting SYVN1-mediated NLRP3 ubiquitination. *Molecular cancer research : MCR*.

Garland J, et al. (2024) Targeting HSP70-E7 Interaction With SHetA2: A Novel Therapeutic Strategy for Cervical Cancer. *Journal of medical virology*, 96(11), e70088.

Chi C, et al. (2023) PDHB-AS suppresses cervical cancer progression and cisplatin resistance via inhibition on Wnt/ β -catenin pathway. *Cell death & disease*, 14(2), 90.

Catton EA, et al. (2023) Human CEACAM1 is targeted by a *Streptococcus pyogenes* adhesin implicated in puerperal sepsis pathogenesis. *Nature communications*, 14(1), 2275.

Jiang S, et al. (2023) Significance of Immunogenic Cell Death-Related Prognostic Gene Signature in Cervical Cancer Prognosis and Anti-Tumor Immunity. *Journal of inflammation research*, 16, 2189.

Lin S, et al. (2023) Single-nucleus RNA sequencing reveals heterogenous microenvironments and specific drug response between cervical squamous cell carcinoma and adenocarcinoma. *EBioMedicine*, 97, 104846.

Hazawa M, et al. (2023) Super-enhancer trapping by the nuclear pore via intrinsically disordered regions of proteins in squamous cell carcinoma cells. *Cell chemical biology*.

Xing F, et al. (2022) High expression of PDIA4 promotes malignant cell behavior and predicts reduced survival in cervical cancer. *Oncology reports*, 48(4).

Liang L, et al. (2022) ALKBH5-mediated m6A modification of circCCDC134 facilitates cervical cancer metastasis by enhancing HIF1A transcription. *Journal of experimental & clinical cancer research : CR*, 41(1), 261.

Pawlowski A, et al. (2022) A group B *Streptococcus* alpha-like protein subunit vaccine induces functionally active antibodies in humans targeting homotypic and heterotypic strains. *Cell reports. Medicine*, 3(2), 100511.

Korunes KL, et al. (2022) A gene expression biomarker for predictive toxicology to identify chemical modulators of NF- κ B. PloS one, 17(2), e0261854.

Rai R, et al. (2022) Distinct mechanism of cervical cancer cell death caused by the investigational new drug SHetA2. Frontiers in oncology, 12, 958536.

Gou W, et al. (2022) Ursolic Acid Derivative UA232 Promotes Tumor Cell Apoptosis by Inducing Endoplasmic Reticulum Stress and Lysosomal Dysfunction. International journal of biological sciences, 18(6), 2639.

S L, et al. (2022) Comparative differential cytotoxicity of clinically used SERMs in human cancer lines of different origin and its predictive molecular docking studies of key target genes involved in cancer progression and treatment responses. Current research in pharmacology and drug discovery, 3, 100080.

Wang Y, et al. (2022) FAM201A Promotes Cervical Cancer Progression and Metastasis through miR-1271-5p/Flotillin-1 Axis Targeting-Induced Wnt/ β -Catenin Pathway. Journal of oncology, 2022, 1123839.