

Resource Summary Report

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A2780

RRID:CVCL_0134

Type: Cell Line

Proper Citation

(RRID:CVCL_0134)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0134

Proper Citation: (RRID:CVCL_0134)

Sex: Female

Defining Citation: [PMID:1348364](#), [PMID:1999494](#), [PMID:2429947](#), [PMID:2751261](#), [PMID:3335022](#), [PMID:3539322](#), [PMID:3986765](#), [PMID:6372095](#), [PMID:6954533](#), [PMID:7927910](#), [PMID:8012063](#), [PMID:8557231](#), [PMID:9041185](#), [PMID:11103784](#), [PMID:11416159](#), [PMID:12080474](#), [PMID:15677628](#), [PMID:18273836](#), [PMID:19714814](#), [PMID:20164919](#), [PMID:20204287](#), [PMID:20215515](#), [PMID:22328975](#), [PMID:22460905](#), [PMID:22585861](#), [PMID:22705003](#), [PMID:22710073](#), [PMID:23415752](#), [PMID:23839242](#), [PMID:24023729](#), [PMID:25230021](#), [PMID:25485619](#), [PMID:25846456](#), [PMID:25877200](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:26972028](#), [PMID:27141528](#), [PMID:27235858](#), [PMID:27397505](#), [PMID:27561551](#), [PMID:28196595](#), [PMID:28273451](#), [PMID:28546799](#), [PMID:30485824](#), [PMID:30894224](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:33287223](#), [PMID:34071702](#), [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: Proteome analysis by 2D-DE/MS., Omics: Protein expression by reverse-phase protein arrays., Omics: N-glycan profiling by lectin array., Omics: Metabolome analysis., Omics: GPI-anchored proteins analysis by proteomics., Omics: Genome sequenced., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep proteome analysis., Omics: Deep exome analysis., Omics: CRISPR phenotypic screen., Omics: Array-based CGH., Population: African American., Part of: OCCP ovarian cancer cell line panel., Part of: MD Anderson Cell Lines Project., Part of: KuDOS 95 cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Name: A2780

Synonyms: A-2780, 2780, A2780S, A2780par

Cross References: BTO:BTO_0002549, CLO:CLO_0001571, EFO:EFO_0006362, MCCL:MCC:0000027, CLDB:cl193, CLDB:cl194, CLDB:cl4894, AddexBio:C0017002/20, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BCRJ:0031, BioGRID_ORCS_Cell_line:329, BioSample:SAMN03472806, BioSample:SAMN10988216, cancercellines:CVCL_0134, CancerTools:152706, Cell_Model_Passport:SIDM00210, ChEMBL-Cells:ChEMBL3308421, ChEMBL-Targets:ChEMBL614004, Cosmic:688090, Cosmic:755844, Cosmic:849607, Cosmic:906804, Cosmic:923108, Cosmic:948284, Cosmic:987394, Cosmic:1093558, Cosmic:1102819, Cosmic:1139223, Cosmic:1198265, Cosmic:1305309, Cosmic:1609529, Cosmic:1707564, Cosmic:1708387, Cosmic:1709251, Cosmic:1945872, Cosmic:1995331, Cosmic:2582805, Cosmic:2674698, Cosmic-CLP:906804, DepMap:ACH-000657, ECACC:93112519, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:906804, GEO:GSM184388, GEO:GSM184389, GEO:GSM383925, GEO:GSM503257, GEO:GSM659370, GEO:GSM711722, GEO:GSM827312, GEO:GSM851909, GEO:GSM886853, GEO:GSM887918, GEO:GSM1001419, GEO:GSM1001420, GEO:GSM1001488, GEO:GSM1291126, GEO:GSM1291129, GEO:GSM1340577, GEO:GSM1374380, GEO:GSM1374381, GEO:GSM1669581, GEO:GSM2474971, GEO:GSM4845007, GEO:GSM4845008, IARC_TP53:21161, ICLC:HTL98008, LiGeA:CCLE_809, LINCS_LDP:LCL-1518, Lonza:207, MetaboLights:MTBLS156, MetaboLights:MTBLS1014, NCI-DTP:A2780, PharmacDB:A2780_40_2019, PRIDE:PXD001176, PRIDE:PXD003105, PRIDE:PXD003252, PRIDE:PXD003668, PRIDE:PXD013811, PRIDE:PXD030304, Progenetix:CVCL_0134, PubChem_Cell_line:CVCL_0134, Wikidata:Q54606559, Ximbio:152706

ID: CVCL_0134

Record Creation Time: 20250131T193540+0000

Record Last Update: 20250131T193621+0000

Ratings and Alerts

No rating or validation information has been found for A2780.

No alerts have been found for A2780.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 2208 mentions in open access literature.

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

Lee YY, et al. (2024) The anti-tumor effects of AZD4547 on ovarian cancer cells: differential responses based on c-Met and FGF19/FGFR4 expression. *Cancer cell international*, 24(1), 43.

Wang X, et al. (2024) Trps1 predicts poor prognosis in advanced high grade serous ovarian carcinoma. *International journal of cancer*, 154(9), 1639.

Blackman A, et al. (2024) MYC is Sufficient to Generate Mid-Life High-Grade Serous Ovarian and Uterine Serous Carcinomas in a p53-R270H Mouse Model. *Cancer research communications*, 4(9), 2525.

Mann J, et al. (2024) Combined inhibition of RAD51 and CHK1 causes synergistic toxicity in cisplatin resistant cancer cells by triggering replication fork collapse. *International journal of cancer*.

Zhang G, et al. (2024) Oncolytic vaccinia virus harboring aphrocallistes vastus lectin exerts anti-tumor effects by directly oncolysis and inducing immune response through enhancing ROS in human ovarian cancer. *Biochemical and biophysical research communications*, 730, 150355.

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.

Sogari A, et al. (2024) Tolerance to colibactin correlates with homologous recombination proficiency and resistance to irinotecan in colorectal cancer cells. *Cell reports. Medicine*, 5(2), 101376.

Gobbo A, et al. (2024) Anticancer potential of NSAID-derived tris(pyrazolyl)methane ligands in iron(II) sandwich complexes. Dalton transactions (Cambridge, England : 2003), 53(32), 13503.

Fox A, et al. (2024) Adipose microenvironment promotes hypersialylation of ovarian cancer cells. Frontiers in oncology, 14, 1432333.

Savage SR, et al. (2024) Pan-cancer proteogenomics expands the landscape of therapeutic targets. Cell, 187(16), 4389.

Gendrau-Sanclemente N, et al. (2024) Ovarian cancer relies on the PDGFR α -fibronectin axis for tumorsphere formation and metastatic spread. Molecular oncology, 18(1), 136.

Yin X, et al. (2024) m6A-modified RIPK4 facilitates proliferation and cisplatin resistance in epithelial ovarian cancer. Gynecologic oncology, 180, 99.

Mei B, et al. (2024) All-trans retinoic acid sensitizes epithelial ovarian cancer to PARP inhibition after exposure to cisplatin. Molecular cancer therapeutics.

M?s?r BA, et al. (2024) Novel diarylated tacrine derivatives: Synthesis, characterization, anticancer, antiepileptic, antibacterial, and antifungal activities. Journal of biochemical and molecular toxicology, 38(4), e23706.

Fox A, et al. (2024) Adipose microenvironment promotes hypersialylation of ovarian cancer cells. bioRxiv : the preprint server for biology.

Yue W, et al. (2024) PARP inhibitors suppress tumours via centrosome error-induced senescence independent of DNA damage response. EBioMedicine, 103, 105129.

Gagliardi S, et al. (2024) Defects of mitochondria-lysosomes communication induce secretion of mitochondria-derived vesicles and drive chemoresistance in ovarian cancer cells. Cell communication and signaling : CCS, 22(1), 165.

Zhao H, et al. (2024) E3 ubiquitin ligase RNF180 impairs IPO4/SOX2 complex stability and inhibits SOX2-mediated malignancy in ovarian cancer. Cellular signalling, 113, 110961.

Gözcü S, et al. (2024) Phytochemical analysis and biological evaluation of Ferulago setifolia K. Koch. Journal of the science of food and agriculture, 104(3), 1382.

Yang Y, et al. (2024) The regulatory relationship between NAMPT and PD-L1 in cancer and identification of a dual-targeting inhibitor. EMBO molecular medicine, 16(4), 885.