Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

AsPC-1

RRID:CVCL_0152
Type: Cell Line

Proper Citation

(RRID:CVCL_0152)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0152

Proper Citation: (RRID:CVCL_0152)

Sex: Female

Defining Citation: PMID:1630814, PMID:1764370, PMID:4023565, PMID:6582512, PMID:7182348, PMID:7972006, PMID:8026879, PMID:8194712, PMID:8286197, PMID:9331070, PMID:9665481, PMID:10027410, PMID:10408907, PMID:11115575, PMID:11169959, PMID:11787853, PMID:12692724, PMID:14695172, PMID:15126341, PMID:15367885, PMID:15688027, PMID:15770730, PMID:16912165, PMID:18298655, PMID:18380791, PMID:20037478, PMID:20164919, PMID:20215515, PMID:20418756, PMID:21607521, PMID:22460905, PMID:22585861, PMID:25167228, PMID:25485619, PMID:25877200, PMID:25984343, PMID:26216984, PMID:26586397, PMID:26589293, PMID:27259358, PMID:27397505, PMID:27910856, PMID:28196595, PMID:29444439, PMID:30894373, PMID:30971826, PMID:31068700, PMID:31978347, PMID:32782605, PMID:35839778

Comments: Caution: TP53 mutation indicated incorrectly as being at c.818G>A in PubMed=1630814., 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: shRNA library screening., Omics: Proteome analysis by 2D-DE/MS., Omics: Protein expression by reverse-phase protein arrays., Omics: miRNA expression profiling., Omics: Metabolome analysis., 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: Caucasian., Part of: NCI RAS program mutant KRAS 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: AsPC-1

Synonyms: AsPc-1, Aspc-1, ASPC-1, As-PC1, ASPC1, AsPC1, Aspc1, AsPc1

Cross References: BTO:BTO_0001864, CLO:CLO_0001756, EFO:EFO_0002112, MCCL:MCC:0000044, CLDB:cl289, AddexBio:C0018023/5061, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1682, BCRC:60494, BioGRID_ORCS_Cell_line:259, BioSample:SAMN03471961, BioSample:SAMN10988235, cancercelllines:CVCL_0152, CCRID:1101HUM-PUMC000214, CCRID:3101HUMTCHu8, Cell_Model_Passport:SIDM00899, CGH-DB:160-1, CGH-DB:9271-4, ChEMBL-Cells:CHEMBL3307994, ChEMBL-Targets:CHEMBL612588, CLS:300158, Cosmic:707247, Cosmic:710851, Cosmic:724645, Cosmic:808166, Cosmic:868239, Cosmic:872994, Cosmic:910702, Cosmic:913308, Cosmic:918050, Cosmic:922255, Cosmic:923164, Cosmic:932514, Cosmic:933515, Cosmic:947398, Cosmic:948371, Cosmic:948740, Cosmic:949230, Cosmic:1006364, Cosmic:1090374, Cosmic:1108341, Cosmic:1198210, Cosmic:1320465, Cosmic:1366285, Cosmic:1477433, Cosmic:1571783, Cosmic:1644318, Cosmic:1995341, Cosmic:2434085, Cosmic:2668289, Cosmic-CLP:910702, DepMap:ACH-000222, ECACC:96020930, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:910702, GEO:GSM206446, GEO:GSM383935, GEO:GSM495808, GEO:GSM621911, GEO:GSM784702, GEO:GSM886870, GEO:GSM887935, GEO:GSM1024396, GEO:GSM1177959, GEO:GSM1177960, GEO:GSM1177961, GEO:GSM1374394, GEO:GSM1374395, GEO:GSM1374396, GEO:GSM1588607, GEO:GSM1588619, GEO:GSM1669603, GEO:GSM1906985, GEO:GSM1906986, GEO:GSM1906987, IARC_TP53:311, IARC_TP53:21127, IBRC:C10154, IGRhCellID:AsPC1, IZSLER:BS TCL 171, KCLB:21682, LiGeA:CCLE_008, LINCS_LDP:LCL-1730, NCBI_Iran:C558, PharmacoDB:AsPC1_67_2019, PRIDE:PXD003198, PRIDE:PXD030304, PRIDE:PXD032263, Progenetix:CVCL_0152, PubChem_Cell_line:CVCL_0152, SKY/M-FISH/CGH:1997, Wikidata:Q54750736

ID: CVCL_0152

Record Creation Time: 20250131T193935+0000

Record Last Update: 20250131T194152+0000

Ratings and Alerts

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

No alerts have been found for AsPC-1.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 784 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zhou Y, et al. (2024) Nudt21-mediated alternative polyadenylation of MZT1 3'UTR contributes to pancreatic cancer progression. iScience, 27(2), 108822.

Ohara Y, et al. (2024) ELAPOR1 induces the classical/progenitor subtype and contributes to reduced disease aggressiveness through metabolic reprogramming in pancreatic cancer. International journal of cancer, 155(3), 569.

He C, et al. (2024) Vitamin B6 Competition in the Tumor Microenvironment Hampers Antitumor Functions of NK Cells. Cancer discovery, 14(1), 176.

Wehrli M, et al. (2024) Mesothelin CAR T Cells Secreting Anti-FAP/Anti-CD3 Molecules Efficiently Target Pancreatic Adenocarcinoma and its Stroma. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(9), 1859.

Shrestha H, et al. (2024) The Janus kinase 1 is critical for pancreatic cancer initiation and progression. Cell reports, 43(5), 114202.

Ohara Y, et al. (2024) LMO3 is a suppressor of the basal-like/squamous subtype and reduces disease aggressiveness of pancreatic cancer through glycerol 3-phosphate metabolism. Carcinogenesis.

Moreno P, et al. (2024) ADRA2A promotes the classical/progenitor subtype and reduces disease aggressiveness of pancreatic cancer. bioRxiv : the preprint server for biology.

Liu M, et al. (2024) The crosstalk between macrophages and cancer cells potentiates pancreatic cancer cachexia. Cancer cell, 42(5), 885.

Zheng JH, et al. (2024) A CLIC1 network coordinates matrix stiffness and the Warburg effect to promote tumor growth in pancreatic cancer. Cell reports, 43(8), 114633.

Zhang S, et al. (2024) Roflumilast inhibits tumor growth and migration in STK11/LKB1 deficient pancreatic cancer. Cell death discovery, 10(1), 124.

Yang Y, et al. (2024) WW domains form a folded type of nuclear localization signal to guide YAP1 nuclear import. The Journal of cell biology, 223(6).

Long AW, et al. (2024) Heterodimerization of T cell engaging bispecific antibodies to enhance specificity against pancreatic ductal adenocarcinoma. Journal of hematology & oncology, 17(1), 20.

Yoshikawa T, et al. (2024) Development of a chimeric cytokine receptor that captures IL-6 and enhances the antitumor response of CAR-T cells. Cell reports. Medicine, 5(5), 101526.

Bootsma S, et al. (2024) Exploiting a subtype-specific mitochondrial vulnerability for successful treatment of colorectal peritoneal metastases. Cell reports. Medicine, 5(5), 101523.

Nguyen CDK, et al. (2024) PRMT1 promotes epigenetic reprogramming associated with acquired chemoresistance in pancreatic cancer. Cell reports, 43(5), 114176.

Zhou Y, et al. (2024) The YY1-CPT1C signaling axis modulates the proliferation and metabolism of pancreatic tumor cells under hypoxia. Biochemical pharmacology, 227, 116422.

Wang K, et al. (2024) Multi-Algorithm Analysis Reveals Pyroptosis-Linked Genes as Pancreatic Cancer Biomarkers. Cancers, 16(2).

Schäfer TE, et al. (2024) Biomarker screen for efficacy of oncolytic virotherapy in patient-derived pancreatic cancer cultures. EBioMedicine, 105, 105219.

Tao J, et al. (2024) CALB2 drives pancreatic cancer metastasis through inflammatory reprogramming of the tumor microenvironment. Journal of experimental & clinical cancer research : CR, 43(1), 277.

Tapia Contreras C, et al. (2024) KRASG 12C-inhibitor-based combination therapies for pancreatic cancer: insights from drug screening. Molecular oncology.