

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

PK-1

RRID:CVCL_4717

Type: Cell Line

Proper Citation

RRID:CVCL_4717

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4717

Proper Citation: RRID:CVCL_4717

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

Sex: Male

Disease: Pancreatic ductal adenocarcinoma

Defining Citation: [PMID:3547771](#), [PMID:6205469](#), [PMID:8872523](#), [PMID:11115575](#), [PMID:22460905](#), [PMID:22490663](#), [PMID:25877200](#), [PMID:26216984](#), [PMID:30894373](#), [PMID:31068700](#)

Comments: Population: Japanese., Part of: NCI RAS program mutant KRAS cell line panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: PK-1

Synonyms: PK1

Cross References: BTO:BTO_0004854, CLO:CLO_0050105, ArrayExpress:E-MTAB-2770, BioGRID_ORCS_Cell_line:486, BioSample:SAMN03472897, BioSample:SAMN10988147, cancercellines:CVCL_4717, Cell_Model_Passport:SIDM01321, Cosmic:707253, Cosmic:1066176, Cosmic:1644297, Cosmic:2046536, DepMap:ACH-000307, GEO:GSM862564, GEO:GSM862566, GEO:GSM887515, GEO:GSM888597, GEO:GSM1588614, GEO:GSM1588626, IARC_TP53:14301, LiGeA:CCLE_500, Pharmacodb:PK1_1265_2019,

Progenetix:CVCL_4717, RCB:RCB1972, TKG:TKG 0239, Wikidata:Q54947429

ID: CVCL_4717

Record Creation Time: 20220427T221433+0000

Record Last Update: 20260905T182114+0000

Ratings and Alerts

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

No alerts have been found for PK-1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Zhang Y, et al. (2025) Deprivation of EGFR signal causes senolysis in PDAC with CDK4/6 inhibition. Cell death and differentiation.

Lee DKC, et al. (2025) ITGAV and SMAD4 influence the progression and clinical outcome of pancreatic ductal adenocarcinoma. Molecular oncology.

Kato H, et al. (2024) The role of DPYD and the effects of DPYD suppressor luteolin combined with 5-FU in pancreatic cancer. Cancer medicine, 13(16), e70124.

Sakamaki JI, et al. (2017) Bromodomain Protein BRD4 Is a Transcriptional Repressor of Autophagy and Lysosomal Function. Molecular cell, 66(4), 517.