Resource Summary Report

Generated by RRID on Sep 2, 2026

PC-3M

RRID:CVCL_9555
Type: Cell Line

Proper Citation

RRID:CVCL_9555

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_9555

Proper Citation: RRID:CVCL_9555

Description: Cell line PC-3M is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Prostate carcinoma

Defining Citation: PMID:447482, PMID:3335022, PMID:7017212, PMID:7471073

Comments: Characteristics: Established from a xenografted tumor of nude mice injected with the parent cell line (PubMed=447482)., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: PC-3M

Synonyms: PC3-M, PC-3/M, PC3M, Pc3M

Cross References: BTO:BTO_0005220, EFO:EFO_0022442, cancercelllines:CVCL_9555, ChEMBL-Cells:CHEMBL4295486, ChEMBL-Targets:CHEMBL4296484, CLS:305061, Cosmic:1945877, GEO:GSM1178559, GEO:GSM1178560, GEO:GSM1178561, KCLB:80020, KYinno:KC-3937, NCI-DTP:PC-3/M, PubChem_Cell_line:CVCL_9555, TOKU-E:3851, Wikidata:Q54938435

ID: CVCL_9555

Hierarchy: cvcl_0035

Record Creation Time: 20220427T221413+0000

Record Last Update: 20260829T235553+0000

Ratings and Alerts

No rating or validation information has been found for PC-3M.

No alerts have been found for PC-3M.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 184 mentions in open access literature.

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

Sahm BDB, et al. (2026) Anticancer Potential of Piericidin A1 and Derivatives Isolated From Streptomyces sp. Associated With Palythoa variabilis From Brazilian Reefs. Chemistry & biodiversity, 23(4), e03815.

Rao Y, et al. (2026) Ferroptosis modulates invasion and migration in prostate cancer PC-3M subclones. Experimental cell research, 454(2), 114847.

Liu Y, et al. (2025) [Effect of dephosphorylation of tumor metastasis suppressor gene LASS2 on vacuolar ATPase activity and invasiveness of prostate cancer]. Beijing da xue xue bao. Yi xue ban = Journal of Peking University. Health sciences, 57(6), 1113.

Wierbi?owicz K, et al. (2025) Parp7 generates an ADP-ribosyl degron that controls negative feedback of androgen signaling. The EMBO journal, 44(17), 4720.

Schoufour TAW, et al. (2024) CRISPR-Cas9 screening reveals a distinct class of MHC-I binders with precise HLA-peptide recognition. iScience, 27(6), 110120.

Saleh H, et al. (2024) KH-like Domains in PARP9/DTX3L and PARP14 Coordinate Protein-Protein Interactions to Promote Cancer Cell Survival. Journal of molecular biology, 436(4), 168434.

Li Z, et al. (2023) The DACH1 gene is frequently deleted in prostate cancer, restrains prostatic intraepithelial neoplasia, decreases DNA damage repair, and predicts therapy responses. Oncogene, 42(22), 1857.

Tang L, et al. (2023) Exploration of the inhibition action of TPGS on tumor cells and its combined use with chemotherapy drugs. Drug delivery, 30(1), 2183830.

Rezaeian AH, et al. (2023) Pharmacological inhibition of the SKP2/p300 signaling axis restricts castration-resistant prostate cancer. Neoplasia (New York, N.Y.), 38, 100890.

Haustrate A, et al. (2023) TRPV6 Calcium Channel Targeting by Antibodies Raised against Extracellular Epitopes Induces Prostate Cancer Cell Apoptosis. Cancers, 15(6).

Urabe F, et al. (2023) Metastatic prostate cancer-derived extracellular vesicles facilitate osteoclastogenesis by transferring the CDCP1 protein. Journal of extracellular vesicles, 12(3), e12312.

Abdelwahed KS, et al. (2023) Pseurotin A Validation as a Metastatic Castration-Resistant Prostate Cancer Recurrence-Suppressing Lead via PCSK9-LDLR Axis Modulation. Marine drugs, 21(4).

Valiullina AK, et al. (2023) Evaluation of CAR-T Cells' Cytotoxicity against Modified Solid Tumor Cell Lines. Biomedicines, 11(2).

Masud N, et al. (2023) Zinc finger protein?like 1 is a novel neuroendocrine biomarker for prostate cancer. International journal of oncology, 62(3).

Mao L, et al. (2022) Sirtuin 4 Inhibits Prostate Cancer Progression and Metastasis by Modulating p21 Nuclear Translocation and Glutamate Dehydrogenase 1 ADP-Ribosylation. Journal of oncology, 2022, 5498743.

Mudhish EA, et al. (2022) The Tobacco ?-Cembrenediol: A Prostate Cancer Recurrence Suppressor Lead and Prospective Scaffold via Modulation of Indoleamine 2,3-Dioxygenase and Tryptophan Dioxygenase. Nutrients, 14(7).

Haustrate A, et al. (2022) A Novel Anti-TRPV6 Antibody and Its Application in Cancer Diagnosis In Vitro. International journal of molecular sciences, 24(1).

Inoue GNC, et al. (2022) Combined spinal and general anesthesia attenuate tumor promoting effects of surgery. An experimental animal study. Annals of medicine and surgery (2012), 75, 103398.

Patel R, et al. (2022) Cyclocreatine Suppresses Creatine Metabolism and Impairs Prostate Cancer Progression. Cancer research, 82(14), 2565.

Fayek M, et al. (2022) Anti-prostate cancer metabolites from the soil-derived Aspergillus neoniveus. Frontiers in pharmacology, 13, 1006062.