Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 2, 2025

Pt K2

RRID:CVCL_0514
Type: Cell Line

Proper Citation

(JCRB Cat# JCRB0007, RRID:CVCL_0514)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0514

Proper Citation: (JCRB Cat# JCRB0007, RRID:CVCL_0514)

Sex: Male

Defining Citation: PMID:569474, PMID:976012, PMID:4116062, PMID:4398660, PMID:14004541, PMID:26252667

Comments: Omics: Transcriptome analysis by RNAseq., Karyotypic information: As the diploid chromosome number of P.tridactylus is quite small (2n=12), this cell line is suited to the study of mitosis and to easily visualize the chromosomes under a microscope., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Marsupial cell line.

Category: Spontaneously immortalized cell line

Name: Pt K2

Synonyms: Pt K2 (NBL-5), NBL-5, Pt-K2, PTK-2, Ptk-2, PTK 2, PtK 2, PTK2, PtK2, Ptk2, Potorous tridactylus Kidney 2

Cross References: BTO:BTO_0002282, CLO:CLO_0008518, CLO:CLO_0008519, CLDB:cl3957, ATCC:CCL-56, ATCC:CRL-6494, BCRC:60335, CCLV:CCLV-RIE 0047, CLS:608316, ECACC:88031601, JCRB:IFO50012, JCRB:JCRB0007, JCRB:JCRB9052, KCB:KCB 82026YJ, Wikidata:Q17130857

ID: CVCL_0514

Vendor: JCRB

Catalog Number: JCRB0007

Record Creation Time: 20250131T202406+0000

Record Last Update: 20250131T204255+0000

Ratings and Alerts

No rating or validation information has been found for Pt K2.

Warning: Discontinued: ATCC; CRL-6494
Omics: Transcriptome analysis by RNAseq., Karyotypic information: As the diploid chromosome number of P.tridactylus is quite small (2n=12), this cell line is suited to the study of mitosis and to easily visualize the chromosomes under a microscope., Part of: Naval Biosciences Laboratory (NBL) collection (transferred to ATCC in 1982)., Group: Marsupial cell line.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Hueschen CL, et al. (2017) NuMA recruits dynein activity to microtubule minus-ends at mitosis. eLife, 6.

Long AF, et al. (2017) Hec1 Tail Phosphorylation Differentially Regulates Mammalian Kinetochore Coupling to Polymerizing and Depolymerizing Microtubules. Current biology : CB, 27(11), 1692.

Elting MW, et al. (2017) Mapping Load-Bearing in the Mammalian Spindle Reveals Local Kinetochore Fiber Anchorage that Provides Mechanical Isolation and Redundancy. Current biology : CB, 27(14), 2112.