

Resource Summary Report

Generated by [dkNET](#) on Aug 14, 2026

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

Description: Cell line Pt K2 is a Spontaneously immortalized cell line with a species of origin Potorous tridactylus (Potoroo)

Sex: Male

Defining Citation: [PMID:569474](#), [PMID:976012](#), [PMID:4116062](#), [PMID:4398660](#), [PMID:14004541](#), [PMID:26252667](#)

Comments: 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

Organism: Potorous tridactylus (Potoroo)

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: 20220427T221444+0000

Record Last Update: 20260809T002629+0000

Ratings and Alerts

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

Warning: Discontinued: ATCC; CRL-6494

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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 [dkNET](#) .

Alvelid J, et al. (2026) Smart event-triggered MINFLUX microscopy to catch and follow rare events. Nature communications, 17(1).

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.