

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

OVKATE

RRID:CVCL_3110

Type: Cell Line

Proper Citation

RRID:CVCL_3110

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3110

Proper Citation: RRID:CVCL_3110

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

Sex: Female

Disease: High grade ovarian serous adenocarcinoma

Defining Citation: [PMID:9328139](#), [PMID:11121861](#), [PMID:15677628](#), [PMID:17671176](#), [PMID:22460905](#), [PMID:23839242](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:27561551](#), [PMID:30485824](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:35839778](#)

Comments: Anecdotal: Dogs were trained to recognize the odor of this cell line so as to later detect ovarian cancer from blood samples (DOI=10.1016/j.jveb.2019.04.010)., Population: Japanese., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: OVKATE

Cross References: BTO:BTO_0003503, CLO:CLO_0037098, EFO:EFO_0006725, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-3610, BioSample:SAMN03472859, BioSample:SAMN10988314, cancercellines:CVCL_3110, Cell_Model_Passport:SIDM00466, CGH-DB:338-2, Cosmic:1995607, Cosmic-CLP:1240199, DepMap:ACH-000443, EGA:EGAS00001000610, EGA:EGAS00001000978, GDSC:1240199, GEO:GSM659396, GEO:GSM887487,

GEO:GSM888569, GEO:GSM1670323, IARC_TP53:28276, JCRB:JCRB1044, JCRB:NIHS0297, JCRB:NIHS0339, LINCS_LDP:LCL-1525, PharmacDB:OVKATE_1224_2019, PRIDE:PXD003668, PRIDE:PXD030304, Progenetix:CVCL_3110, Wikidata:Q54937030

ID: CVCL_3110

Record Creation Time: 20220427T221403+0000

Record Last Update: 20260920T005353+0000

Ratings and Alerts

No rating or validation information has been found for OVKATE.

Warning: Discontinued: JCRB; NIHS0297

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Anecdotal: Dogs were trained to recognize the odor of this cell line so as to later detect ovarian cancer from blood samples (DOI=10.1016/j.jveb.2019.04.010)., Population: Japanese., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Dietrich C, et al. (2024) INX-315, a Selective CDK2 Inhibitor, Induces Cell Cycle Arrest and Senescence in Solid Tumors. Cancer discovery, 14(3), 446.

Ferrari AJ, et al. (2023) H2Bub1 loss is an early contributor to clear cell ovarian cancer progression. JCI insight, 8(12).

Gonzalez VD, et al. (2021) High-grade serous ovarian tumor cells modulate NK cell function to create an immune-tolerant microenvironment. Cell reports, 36(9), 109632.

Xu H, et al. (2021) CCNE1 copy number is a biomarker for response to combination WEE1-ATR inhibition in ovarian and endometrial cancer models. Cell reports. Medicine, 2(9), 100394.

Curtis M, et al. (2019) Fibroblasts Mobilize Tumor Cell Glycogen to Promote Proliferation and Metastasis. Cell metabolism, 29(1), 141.