

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

COV434

RRID:CVCL_2010

Type: Cell Line

Proper Citation

RRID:CVCL_2010

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2010

Proper Citation: RRID:CVCL_2010

Description: Cell line COV434 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Ovarian small cell carcinoma, hypercalcemic type

Defining Citation: [PMID:8436435](#), [PMID:9413942](#), [PMID:15541573](#), [PMID:22460905](#), [PMID:23839242](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:33328126](#)

Comments: Characteristics: Because it conserved a number of properties of normal human granulosa cells, it is used in the investigation of such cell type., Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be an ovarian granulosa cell tumor but seems to be a small cell carcinoma of the ovary, hypercalcemic type (SCCOHT) (PubMed=33328126)..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: COV434

Synonyms: COV-434, COV 434

Cross References: EFO:EFO_0006384, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, BioGRID_ORCS_Cell_line:599, BioSample:SAMN03473273, BioSample:SAMN10987973, cancercellines:CVCL_2010, Cell_Model_Passport:SIDM01476, Cosmic:1149408, Cosmic:1213590, Cosmic:1429992,

Cosmic:2368539, Cosmic:2391829, DepMap:ACH-000123, ECACC:07071909, EGA:EGAS00001000610, GEO:GSM313704, GEO:GSM886964, GEO:GSM888033, IARC_TP53:30027, LiGeA:CCLE_469, Pharmacodb:COV434_257_2019, Progenetix:CVCL_2010, Wikidata:Q54814346

ID: CVCL_2010

Record Creation Time: 20220427T215517+0000

Record Last Update: 20260905T174638+0000

Ratings and Alerts

No rating or validation information has been found for COV434.

Warning: Problematic cell line: Misclassified. Originally thought to be an ovarian granulosa cell tumor but seems to be a small cell carcinoma of the ovary, hypercalcemic type (SCCOHT) (PubMed=33328126).

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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 [NIF](#) .

Cluzet V, et al. (2025) Pharmacologic Inhibition of SIRT1 Limits the Growth of Tumoral and Metastatic Granulosa Cells by Affecting mTOR, Myc, and E2F Pathways. Molecular cancer therapeutics, 24(8), 1197.

Herman L, et al. (2024) A cellular model provides insights into the pathogenicity of the oncogenic FOXL2 somatic variant p.Cys134Trp. British journal of cancer.

Castel??a M, et al. (2022) In Vitro Effects of Mitochondria-Targeted Antioxidants in a Small-Cell Carcinoma of the Ovary of Hypercalcemic Type and in Type 1 and Type 2 Endometrial Cancer. Biomedicines, 10(4).

Karnezis AN, et al. (2021) Re-assigning the histologic identities of COV434 and TOV-112D ovarian cancer cell lines. Gynecologic oncology, 160(2), 568.