

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 29, 2025

CCD-18Co

RRID:CVCL_2379

Type: Cell Line

Proper Citation

(KCLB Cat# 21459, RRID:CVCL_2379)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2379

Proper Citation: (KCLB Cat# 21459, RRID:CVCL_2379)

Sex: Female

Defining Citation: [PMID:16854228](#), [PMID:23234512](#)

Comments: Omics: Transcriptome analysis by microarray., Omics: miRNA expression profiling., Omics: Deep proteome analysis., Senescence: Senescences at ~42 PDL (ATCC=CRL-1459)., Population: African American.

Category: Finite cell line

Name: CCD-18Co

Synonyms: CCD18Co, CCD18

Cross References: BTO:BTO_0004059, CLO:CLO_0002309, ATCC:CRL-1459, BCRJ:0400, ChEMBL-Cells:ChEMBL4295453, ChEMBL-Targets:ChEMBL4296405, ECACC:90070503, GEO:GSM987744, GEO:GSM987745, GEO:GSM987746, IZSLER:BS CL 204, KCLB:21459, Lonza:1019, PRIDE:PXD000449, PubChem_Cell_line:CVCL_2379, Wikidata:Q54808875

ID: CVCL_2379

Vendor: KCLB

Catalog Number: 21459

Record Creation Time: 20220427T215444+0000

Record Last Update: 20250420T104654+0000

Ratings and Alerts

No rating or validation information has been found for CCD-18Co.

Warning: Discontinued: ECACC; 90070503

Omics: Transcriptome analysis by microarray., Omics: miRNA expression profiling., Omics: Deep proteome analysis., Senescence: Senescences at ~42 PDL (ATCC=CRL-1459)., Population: African American.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Bay S, et al. (2024) Synthesis and Characterization of Click Chemical Probes for Single-Cell Resolution Detection of Epichaperomes in Neurodegenerative Disorders. Biomedicines, 12(6).

Pu J, et al. (2024) Synergistic integration of histone deacetylase inhibitors apparently enhances the cytokine-induced killer cell efficiency in multiple myeloma via the NKG2D pathway. Clinical & translational immunology, 13(3), e1500.

McNutt SW, et al. (2024) Phosphorylation-Driven Epichaperome Assembly: A Critical Regulator of Cellular Adaptability and Proliferation. Research square.

Roychowdhury T, et al. (2023) Use of Native-PAGE for the Identification of Epichaperomes in Cell Lines. Methods in molecular biology (Clifton, N.J.), 2693, 175.

Rodina A, et al. (2023) Systems-level analyses of protein-protein interaction network dysfunctions via epichaperomics identify cancer-specific mechanisms of stress adaptation. Nature communications, 14(1), 3742.

Choi SH, et al. (2022) KRAS Mutants Upregulate Integrin $\alpha 4$ to Promote Invasion and Metastasis in Colorectal Cancer. Molecular cancer research : MCR, 20(8), 1305.

Hendrikson J, et al. (2022) Ligand-mediated PAI-1 inhibition in a mouse model of peritoneal carcinomatosis. *Cell reports. Medicine*, 3(2), 100526.

Ramos H, et al. (2021) A selective p53 activator and anticancer agent to improve colorectal cancer therapy. *Cell reports*, 35(2), 108982.

Nadeem A, et al. (2021) Suppression of β -catenin signaling in colon carcinoma cells by a bacterial protein. *International journal of cancer*, 149(2), 442.

Zhao R, et al. (2020) Acetylshikonin suppressed growth of colorectal tumour tissue and cells by inhibiting the intracellular kinase, T-lymphokine-activated killer cell-originated protein kinase. *British journal of pharmacology*, 177(10), 2303.

Patterson JC, et al. (2019) VISAGE Reveals a Targetable Mitotic Spindle Vulnerability in Cancer Cells. *Cell systems*, 9(1), 74.

Callejas BE, et al. (2019) Helminth-derived molecules inhibit colitis-associated colon cancer development through NF- κ B and STAT3 regulation. *International journal of cancer*, 145(11), 3126.

Essex A, et al. (2019) Replication Study: Wnt activity defines colon cancer stem cells and is regulated by the microenvironment. *eLife*, 8.