Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 9, 2025

HT29-18-N2

RRID:CVCL_5942
Type: Cell Line

Proper Citation

(RRID:CVCL_5942)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5942

Proper Citation: (RRID:CVCL_5942)

Sex: Female

Defining Citation: PMID:2154122, PMID:3360261, PMID:3611191, PMID:8589882, PMID:12388101

Comments: Characteristics: Mucus-secreting clone of parent cell line. When grown in the absence of glucose they form homogeneous epithelial monolayers of columnar cells with typical goblet cell morphology (PubMed=3360261)., Population: Caucasian.

Category: Cancer cell line

Name: HT29-18-N2

Synonyms: HT29-18N2, HT-29-18 N2, N2

Cross References: cancercelllines:CVCL_5942, Wikidata:Q54896589

ID: CVCL_5942

Record Creation Time: 20250131T200944+0000

Record Last Update: 20250131T202414+0000

Ratings and Alerts

No rating or validation information has been found for HT29-18-N2.

No alerts have been found for HT29-18-N2.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Wojnacki J, et al. (2023) Tetraspanin-8 sequesters syntaxin-2 to control biphasic release propensity of mucin granules. Nature communications, 14(1), 3710.

Cantero-Recasens G, et al. (2022) The ulcerative colitis-associated gene FUT8 regulates the quantity and quality of secreted mucins. Proceedings of the National Academy of Sciences of the United States of America, 119(43), e2205277119.

Bredeck G, et al. (2022) Tiered testing of micro- and nanoplastics using intestinal in vitro models to support hazard assessments. Environment international, 158, 106921.

Cantero-Recasens G, et al. (2022) Reversing chemorefraction in colorectal cancer cells by controlling mucin secretion. eLife, 11.

Cantero-Recasens G, et al. (2019) Sodium channel TRPM4 and sodium/calcium exchangers (NCX) cooperate in the control of Ca2+-induced mucin secretion from goblet cells. The Journal of biological chemistry, 294(3), 816.

Cantero-Recasens G, et al. (2018) KChIP3 coupled to Ca2+ oscillations exerts a tonic brake on baseline mucin release in the colon. eLife, 7.