

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

C2BBE1

RRID:CVCL_1096

Type: Cell Line

Proper Citation

RRID:CVCL_1096

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1096

Proper Citation: RRID:CVCL_1096

Description: Cell line C2BBE1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Colon adenocarcinoma

Defining Citation: [PMID:1506435](#), [PMID:15868485](#), [PMID:20164919](#), [PMID:20570890](#), [PMID:20606684](#), [PMID:22460905](#), [PMID:25388687](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:25984343](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:28854368](#), [PMID:29444439](#), [PMID:30894373](#), [PMID:30971826](#), [PMID:31068700](#), [PMID:35839778](#)

Comments: Population: Caucasian., Part of: MD Anderson Cell Lines Project., 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: C2BBE1

Synonyms: C2BBE1, C2BBE 1, Caco-2/BBe 1, Caco-2/BBe, Caco-2BBE, Caco-2BBE, Caco-2 BBe, Caco2-BBE, Caco2BBE, Caco2BBE, CACO2BBE, BBE, Caco-2 Brush Border expressing 1

Cross References: BTO:BTO_0005156, CLO:CLO_0002108, EFO:EFO_0006546, MCCL:MCC:0000089, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-2102, BCRC:60182, BCRJ:0270, BioGRID_ORCS_Cell_line:580, BioSample:SAMN03472296,

BioSample:SAMN10987952, cancercellines:CVCL_1096, Cell_Model_Passport:SIDM01233, ChEMBL-Cells:ChEMBL3308231, ChEMBL-Targets:ChEMBL2366283, ColonAtlas:C2BBE1, Cosmic:687516, Cosmic:910700, Cosmic:1479619, Cosmic-CLP:910700, DepMap:ACH-000009, EGA:EGAS00001000610, EGA:EGAS00001000978, EGA:EGAS00001002554, GDSC:910700, GEO:GSM886897, GEO:GSM887962, GEO:GSM1669635, IARC_TP53:21203, LiGeA:CCLE_083, LINCS_LDP:LCL-1296, PharmacoDB:C2BBE1_153_2019, PRIDE:PXD005235, PRIDE:PXD030304, Progenetix:CVCL_1096, PubChem_Cell_line:CVCL_1096, Sigma-Aldrich:MTOX1000CC, Wikidata:Q54808117

ID: CVCL_1096

Hierarchy: cvcl_0025

Record Creation Time: 20220427T215433+0000

Record Last Update: 20260913T002254+0000

Ratings and Alerts

No rating or validation information has been found for C2BBE1.

No alerts have been found for C2BBE1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Huang Y, et al. (2026) Mechanosensation promotes broad-spectrum antiviral defense through membrane remodeling. Cell chemical biology, 33(3), 307.

Tapia R, et al. (2026) Spgef1 is a microvillar component that limits apical actomyosin contractility and preserves intestinal barrier function. Current biology : CB, 36(3), 629.

Gonçalves TJ, et al. (2026) Preventive Effect of Butyrate in Colon Cancer Cell Metabolism. International journal of molecular sciences, 27(8).

Jaswal K, et al. (2025) Commensal yeast promotes Salmonella Typhimurium virulence. Nature, 645(8082), 1002.

Specht C, et al. (2025) An engineered glutamic acid tRNA for efficient suppression of pathogenic nonsense mutations. Nucleic acids research, 53(12).

Sugiyama Y, et al. (2025) hsa_circ_0015388 Reduces Macrophage Derived Reactive Oxygen Species in Crohn's Disease. *Inflammatory bowel diseases*, 31(5), 1355.

Aguilera-Flores C, et al. (2025) Functional characterization of DPP4 and FcRn as receptor and coreceptor for classical human astroviruses in Caco-2 cells. *PLoS pathogens*, 21(7), e1013316.

Gunji D, et al. (2024) Longitudinal phosphoproteomics reveals the PI3K-PAK1 axis as a potential target for recurrent colorectal liver metastases. *Cell reports*, 43(12), 115061.

Rebai Y, et al. (2023) *Escherichia coli* Nissle 1917 Antagonizes *Candida albicans* Growth and Protects Intestinal Cells from *C. albicans*-Mediated Damage. *Microorganisms*, 11(8).

Gong Y, et al. (2023) Loss of RanGAP1 drives chromosome instability and rapid tumorigenesis of osteosarcoma. *Developmental cell*, 58(3), 192.

Meena AS, et al. (2022) TRPV6 channel mediates alcohol-induced gut barrier dysfunction and systemic response. *Cell reports*, 39(11), 110937.

Shin W, et al. (2022) 3D in vitro morphogenesis of human intestinal epithelium in a gut-on-a-chip or a hybrid chip with a cell culture insert. *Nature protocols*, 17(3), 910.

Niemiec MJ, et al. (2022) Augmented Enterocyte Damage During *Candida albicans* and *Proteus mirabilis* Coinfection. *Frontiers in cellular and infection microbiology*, 12, 866416.

Chong A, et al. (2021) Cytosolic replication in epithelial cells fuels intestinal expansion and chronic fecal shedding of *Salmonella Typhimurium*. *Cell host & microbe*, 29(7), 1177.

Iwama T, et al. (2021) Bacteria-derived ferrichrome inhibits tumor progression in sporadic colorectal neoplasms and colitis-associated cancer. *Cancer cell international*, 21(1), 21.

Tang C, et al. (2021) Hypomorph mutation-directed small-molecule protein-protein interaction inducers to restore mutant SMAD4-suppressed TGF- β signaling. *Cell chemical biology*, 28(5), 636.

Morris EJ, et al. (2020) A Model of Differential Mammary Growth Initiation by Stat3 and Asymmetric Integrin- β 6 Inheritance. *Cell reports*, 30(11), 3605.

Nandagopal N, et al. (2019) Cis-activation in the Notch signaling pathway. *eLife*, 8.

Pires AS, et al. (2018) Ascorbic Acid Chemosensitizes Colorectal Cancer Cells and Synergistically Inhibits Tumor Growth. *Frontiers in physiology*, 9, 911.

Braun CJ, et al. (2017) Coordinated Splicing of Regulatory Detained Introns within Oncogenic Transcripts Creates an Exploitable Vulnerability in Malignant Glioma. *Cancer cell*, 32(4), 411.