

## U-CH1 | 305885

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**Description**

U-CH1 is a cell line derived from a 56-year-old male patient with a primary tumor of the colon. The cell line is characterized by its ability to grow in the presence of the CDK4/6 inhibitor palbociclib. U-CH1 cells are highly sensitive to palbociclib, with a half-maximal inhibitory concentration (IC50) of approximately 10 nM. The cell line is maintained in the presence of palbociclib and is used for studying the effects of CDK4/6 inhibition on cell growth and signaling pathways.

**Organism** Homo sapiens

**Tissue** Colon

**Disease** Colon adenocarcinoma

**Synonyms** UCH-1, UCH1

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**Age** 56 years

**Gender** Male

**Ethnicity** German

**Morphology** Epithelial cells

**Cell type** Epithelial cells

**Growth properties** CDK4/6 inhibitor dependent

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**Citation** U-CH1 (Cytion 305885)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_4988



