

**CCK-81 | 305757**

**General information**

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description     | CCK-81 is a human cell line derived from a patient with colorectal cancer. It is a highly proliferative cell line that is sensitive to various chemotherapeutic agents. CCK-81 is a human cell line derived from a patient with colorectal cancer. It is a highly proliferative cell line that is sensitive to various chemotherapeutic agents. CCK-81 is a human cell line derived from a patient with colorectal cancer. It is a highly proliferative cell line that is sensitive to various chemotherapeutic agents. (CCLE) is a database of cell lines and their growth properties. |
| Organism        | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Tissue          | Colorectal cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Disease         | Colorectal cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Metastatic site | Colorectal cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Synonyms        | CCK81                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

**Cell line characteristics**

|                   |          |
|-------------------|----------|
| Age               | 62 years |
| Gender            | Male     |
| Ethnicity         | Chinese  |
| Growth properties | Adherent |

**Cell line identification**

|                      |                                |
|----------------------|--------------------------------|
| Citation             | CCK-81 (CCK-81) Cytion: 305757 |
| Biosafety level      | 1                              |
| NCBI_TaxID           | 9606                           |
| CellosaurusAccession | CVCL_2873                      |

**Cell line authentication**

Product sheet

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**Mutational profile** FBXW7 p.Arg465Cys (c.1393C>T) (DepMap=ACH-000963). PIK3CA p.Cys420R (DepMap=ACH-000963). TP53 p.Pro278His (c.833C>A) (DepMap=ACH-000963)

Cell line

**Culture Medium** EMEM (MEM Eagle) 2 mM L-glutamine 2.2 mM NaHCO<sub>3</sub> EBSS (820100a)

**Supplements** 10% FBS 1% NEAA

**Dissociation Reagent** Trypsin

**Doubling time** 45 days

**Subculturing** 1:3 split ratio into fresh medium

**Seeding density** 1 × 10<sup>4</sup> cells/cm<sup>2</sup>

**Fluid renewal** 2-3 times per week

**Freeze medium** 10% FBS + 10% DMSO

## Thawing and Culturing Cells

- [illegible]

## Incubation Atmosphere

37 

## Shipping Conditions

-78

## Storage Conditions

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## Sterility



















































































































































