

CCK-81 | 305757

General information

Description	CCK-81 CCK-81 Cancer Cell Line Encyclopedia (CCLE)
Organism	Human
Tissue	Colon
Disease	Colon cancer
Metastatic site	Colon
Synonyms	CCK-81

Characteristics

Age	62
Gender	Male
Ethnicity	White
Growth properties	Adherent

Identification and documentation

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

Additional information

Product sheet

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

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (Cytion 820100a)

Supplements FBS 10%, NEAA 1%, 1mM

Dissociation Reagent

Doubling time 45

Subculturing PBS T25

Seeding density 1 3×10^4 / 10^5

Fluid renewal 2 3×10^4

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1.   
2.   cryovial  -150  
3.   37°C 
4.   70%
5.   15 
6.  300 x g  3  
7.   10  
8.       

Incubation Atmosphere

37°C, 5% CO₂, 

Shipping Conditions

Storage Conditions

-150 -196 °C

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Sterility

PCR

Age Group	Percentage
18-24	15%
25-34	20%
35-44	25%
45-54	20%
55-64	15%
65-74	10%
75-84	5%
85+	5%