

FCV F81 | 305015

FCV F81

Description	FCV F81 is a cell line derived from a patient with a primary tumor of the colon. It is a highly tumorigenic cell line that grows in the form of spheres in suspension culture. The cells are highly sensitive to chemotherapy and are used for the study of drug resistance and the development of new therapeutic strategies. FCV F81 is a cell line derived from a patient with a primary tumor of the colon. It is a highly tumorigenic cell line that grows in the form of spheres in suspension culture. The cells are highly sensitive to chemotherapy and are used for the study of drug resistance and the development of new therapeutic strategies.
Organism	Human
Tissue	Colon
Synonyms	F-81, FK81

FCV F81

Age	3 months
Gender	Male
Morphology	Spherical
Growth properties	Highly tumorigenic

FCV F81

Citation	F81 (FCV F81) Cytion 305015
Biosafety level	1
NCBI_TaxID	9685
CellosaurusAccession	CVCL_9259

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Culture Medium	EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO3, w: EBSS (FCV F81) Cytion 820100a
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Supplements 10% FBS 1% NEAA

Dissociation Reagent Trypsin

Subculturing Cells are grown in 25 cm² flasks in DMEM supplemented with 10% FBS and 1% NEAA. For subculturing, cells are trypsinized and seeded into new flasks. Cells are typically passaged every 3-5 days.

Fluid renewal 2-3 times per week

Freeze medium Cells are frozen in DMEM supplemented with 10% FBS and 10% DMSO. The freezing medium is stored at -80°C.

Thawing and Culturing Cells

1. Thaw the cells in a 37°C water bath.
2. Add 10 ml of DMEM supplemented with 10% FBS and 1% NEAA to the flask.
3. Seed the cells into a 25 cm² flask.
4. Incubate the cells for 24 hours.
5. Check the cells for confluency.
6. Perform a split when the cells reach 70-80% confluency.
7. Seed the cells into a new flask.
8. Continue to culture the cells.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Not required

Freezing Procedure Cells are frozen in DMEM supplemented with 10% FBS and 10% DMSO. The freezing medium is stored at -80°C.

Shipping Conditions Cells are shipped in DMEM supplemented with 10% FBS and 10% DMSO. The shipping medium is stored at -80°C.

Product sheet

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Storage
Conditions

Store at -150 °C. Do not freeze. Do not thaw. Do not use after the expiration date. Do not use after the expiration date. Do not use after the expiration date.

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Sterility

Do not use after the expiration date. Do not use after the expiration date. Do not use after the expiration date. Do not use after the expiration date. Do not use after the expiration date.

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