

Product sheet

HROC107 | 300845

General information

Description	Cell line derived from a 74-year-old male patient with a primary tumor of the colon (PD Dr. Michael Linnebacher) [ref. 1]
Organism	Human
Tissue	Colon, UICC IV
Disease	Colorectal adenocarcinoma, TNM T3N2M1R0L1V0, G2, Lk(n) +10, Σ Lk(n) 18
Synonyms	HROC107 cT0 M2

Cell line characteristics

Age	74 years
Gender	Male
Ethnicity	German
Morphology	Epithelial cells
Growth properties	Adherent

Identification and documentation

Citation	HROC107 (Cell line) Cytion 300845
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1D11

Protein expression and analysis

Protein expression	PTEN
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Antigen expression	CDx (+/-), Cdy (-)
Tumorigenic	XX, XXXXXXXX XXXXXXXX XX XXXXX XXXXXXX
Viruses	XXXX XXXXXXXXXX XXXXXXXXXX XXXXX XXX SV40, JC/BK, HBV, HCV, HIV.
Ploidy status	XXXXXXXXXXXX
MSI-status	MSS
Mutational profile	XXXXXXXX X-P53, XXXXXXX X-APC, K-RasG12VA, N-Raswt, H-Raswt, PIK3CAwt, B-Rafwt
XXXXXXX	
Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L XXXXXXX, w: 2.5 mM L-XXXXXXX, w: 15 mM HEPES, w: 0.5 mM XXXX XXXXXXX, w: 1.2 g/L NaHCO3 820400a)
Supplements	XXXX XXXXXXX 10% FBS
Dissociation Reagent	XXXXXXXX
Doubling time	27 XXXX
Subculturing	XXXX XX XXXXXXX XXXX XXXXXXX XXXXXXX XXXXX XXXX X-PBS XXX XXXX XXXXXXXXXX. XXXX XXXXXXX T25, XXXXX X-3-5 X' X-PBS, XXXXX XXXX 3 XXXX. XXXXX XX XXXXXXX XXXXXXX, XXXX XX XXXXXXX XXXXXXX XXX XXXXX XXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXX.
Seeding density	1 x 10 ⁴ "X"/XX
Fluid renewal	XX 3 XX 5 XXXX
Post-Thaw Recovery	XXXXX
Freeze medium	XXXXXXXX XXXXXXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXX XXX (XXXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXX XXXX XXXXXXX, XX C

- [illegible]

Sterility

[illegible]