

Product sheet

HROC87 T0 M2 | 300831

General information

Description	Cell line derived from a 76-year-old male patient with colorectal cancer (PD Dr. Michael Linnebacher) (HROC87 T0 M2)
Organism	Human
Tissue	Colorectal cancer, UICC Ia, HROC87 T0 M2 CRC (colorectal cancer) (TNM T3N0M0R0L0V0, G3, Lk(n))
Disease	Colorectal cancer
Synonyms	HROC87, HROC87x

Cell line characteristics

Age	76 years
Gender	Male
Ethnicity	German
Morphology	Epithelial cells
Growth properties	Adherent

Cell line identification

Citation	HROC87 T0 M2 (HROC87 T0 M2 Cytion 300831)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_S854

Cell line authentication

Protein expression	PTEN
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Antigen expression CD15+, CD44 +, CD55 +, CD58 +, CEACAM +, CD71 +, CD80 +, EpCAM +, MHC II

[illegible]

Viruses SV40, JC/BK, HBV, HCV, HIV.

Ploidy status

MSI-status MSI-H

Mutational profile P53mut, B-RAF V600E, APCwt, K-Raswt, N-Raswt, H-Raswt, PIK3CAwt

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Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L XXXXXXXXXX , w: 2.5 mM L- XXXXXXXXXX , w: 15 mM HEPES, w: 0.5 mM XXXXXX XXXXXXXX , w: 1.2 g/L NaHCO3 820400a)
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Supplements 10% FBS

**Dissociation
Reagent**

Doubling time 26

Subculturing

Seeding density 2×10^4 / 

Fluid renewal ☒ 3 ☒ 5 ☒ 7 ☒ 8

Post-Thaw Recovery

Freeze medium

Conditions