

Product sheet

HROC239 T0 M1 | 300857

General information

Description	Colon cancer cell line (PD Dr. Michael Linnebacher)
Organism	Human
Tissue	Colon ascens, TNM T4N2M0R0L0V0, G2, Lk(n)
Disease	Colon cancer
Synonyms	HROC239

Cell characteristics

Age	72 years
Gender	Male
Ethnicity	German
Morphology	Epithelial
Growth properties	Adherent

Identification and safety

Citation	HROC239 T0 M1 (Cytion 300857)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1U93

Protein expression and analysis

Protein expression	PTEN
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SV40, JC/BK, HBV, HCV, HIV.

MSS

K-Raswt, N-Raswt, H-Raswt, PIK3CAwt, B-Rafwt

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 ~~XXXXX XXXXXXXX~~, w: 1.2 g/L NaHCO3
820400a)

Cell Line	Condition	Protein Expression	Cell Viability (%)	Apoptosis (%)	Mitochondrial Membrane Potential (ΔΨm)	Caspase-3 Activity	Bcl-2/Bax Ratio
A549	Control	High	~80	~10	High	Low	~1.5
	10% FBS	High	~60	~40	Low	High	~0.5
HepG2	Control	High	~75	~15	High	Low	~1.2
	10% FBS	High	~55	~45	Low	High	~0.4
MDA-MB-231	Control	High	~70	~20	High	Low	~1.0
	10% FBS	High	~50	~50	Low	High	~0.3

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[illegible]
$$2 \times 10^4 \text{ } \frac{\text{mm}^3}{\text{mm}^2}$$

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Thawing and Culturing Cells

- [illegible]

Incubation Atmosphere

37°C, 5% CO₂, ☐☐☐☐☐☐☐☐ ☐☐☐.

Flask Coating

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Freezing Procedure

[illegible]

Shipping Conditions

Storage Conditions

Sterility

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[illegible]