

Product sheet

**HROC43 HROC43 | 300823**

**General information**

<b>Description</b>	Cell line derived from a 72-year-old male patient with a primary tumor of the colon (T3N2M2M0R0L1V0) and a corresponding metastasis (G3) Lk(n) + 30 Σ Lk(n) 36
<b>Organism</b>	Human
<b>Tissue</b>	Colon adenocarcinoma UICC IIIb
<b>Disease</b>	Colon adenocarcinoma T3N2M2M0R0L1V0 G3 Lk(n) + 30 Σ Lk(n) 36

**Demographics**

<b>Age</b>	72
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

**Identification**

<b>Citation</b>	HROC43 (HROC43 HROC43   300823)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1D20

**Protein expression**

<b>Protein expression</b>	PTEN
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<b>Antigen expression</b>	CD326+ CD44+ CD44+ CD15+ CD71+ CD73+ CD274+ CD47+ CD54+ CD95+ CD276+ CD133- CD66acdeweak CD66acdeweak IDO+ cFLIP+ MHC-I+ MHCIIweak IFN-γ EpCAM+
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<b>Tumorigenic</b>	<p>                 Tumorigenicity: <b>+</b> (in nude mice)                  Tumorigenicity: <b>+</b> (in SCID mice)             </p>
<b>Viruses</b>	<p>                 SV40: <b>+</b>                  JC/BK: <b>+</b> </p>
<b>Ploidy status</b>	<p>                 Ploidy: <b>2n</b> </p>
<b>MSI-status</b>	<p>                 MSI: <b>MSS</b> </p>
<b>Mutational profile</b>	<p>                 APCQ1429*, p53S241fs*5, K-Rasmut, N-Raswt, H-Raswt, PIK3CAwt, B-Rafwt             </p>

**Characteristics**

<b>Culture Medium</b>	<p>                 DMEM: DMEM:Ham's F12 (1:1) <b>3.1</b> / <b>2.5</b> <b>15</b> (15 <b>15</b>)             </p>
<b>Supplements</b>	<p> <b>10</b> <b>FBS</b> </p>
<b>Dissociation Reagent</b>	<p> <b>+</b> </p>
<b>Doubling time</b>	<p>                 27 <b>+</b> </p>
<b>Subculturing</b>	<p> <b>+</b> <b>PBS</b> </p>
<b>Seeding density</b>	<p> <math>2 \times 10^4</math> / <b>+</b> </p>
<b>Fluid renewal</b>	<p> <b>3</b> <b>5</b> </p>
<b>Post-Thaw Recovery</b>	<p> <b>1</b> </p>
<b>Freeze medium</b>	<p> <b>+</b> <b>(</b> <b>FBS</b> <b>)</b> + 10% DMSO <b>+</b> </p>

