

Product sheet

**HROC43 | 300823**

**General information**

<b>Description</b>	Cell line derived from a 72-year-old male patient with a primary tumor of the colon (PD Dr. Michael Linnebacher) [ref]
<b>Organism</b>	Human
<b>Tissue</b>	Colon, UICC IIIb
<b>Disease</b>	Colorectal adenocarcinoma, TNM T3N2M0R0L1V0, G3, Lk(n) + 30, Σ Lk(n) 36

**Patient information**

<b>Age</b>	72 years
<b>Gender</b>	Male
<b>Ethnicity</b>	German
<b>Morphology</b>	Adenocarcinoma
<b>Growth properties</b>	Adherent

**Identification and safety**

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

**Protein and antigen expression**

<b>Protein expression</b>	PTEN
<b>Antigen expression</b>	CD326+, CD44+, CD15+, CD71+, CD73+, CD274+, CD47+, CD54+, CD95+, CD276+, CD133-, CD66acdewweak, IDO+, cFLIP+, MHC-I+, MHCIIweak, IFN-γ, EpCAM+



**HEK293T HROC43 | 300823**

**Thawing and Culturing Cells**

1. Thaw the vial quickly in a 37°C water bath, and transfer the cells to a pre-warmed T25 flask containing 10 ml of complete DMEM medium.
2. Incubate the cells in a humidified 5% CO<sub>2</sub> incubator at 37°C until cells reach 70-80% confluency.
3. Seed cells into a 96-well plate (100,000 cells per well) in DMEM medium supplemented with 10% FBS.
4. Incubate the cells in a humidified 5% CO<sub>2</sub> incubator at 37°C until cells reach 70-80% confluency.
5. Seed cells into a 96-well plate (100,000 cells per well) in DMEM medium supplemented with 10% FBS.
6. Incubate the cells in a humidified 5% CO<sub>2</sub> incubator at 37°C until cells reach 70-80% confluency.
7. Seed cells into a 96-well plate (100,000 cells per well) in DMEM medium supplemented with 10% FBS.
8. Incubate the cells in a humidified 5% CO<sub>2</sub> incubator at 37°C until cells reach 70-80% confluency.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating** Cell culture medium

**Freezing Procedure** Seed cells into a 96-well plate (100,000 cells per well) in DMEM medium supplemented with 10% FBS. Incubate at 37°C, 5% CO<sub>2</sub>.

**Shipping Conditions** Store cells at -80°C in a vapor phase liquid nitrogen storage container.

**Storage Conditions** Store cells at -80°C in a vapor phase liquid nitrogen storage container.

**HEK293T HROC43 / HEK293T HROC43 / HLA**

**Sterility** The cells are provided in a sterile, cryoprotected medium. The cells are not tested for mycoplasma contamination.