

Product sheet

HROC40 | 300822

General information

Description	Cell line derived from a 69-year-old male patient with a primary tumor of the colon (PD Dr. Michael Linnebacher) [ref]
Organism	Human
Tissue	Colon adenocarcinoma, UICC IIIa
Disease	Colon adenocarcinoma, TNM T3N1M0R0L1V1, G3, Lk(n) + 2, Σ Lk(n) 18

Demographics

Age	69 years
Gender	Male
Ethnicity	German
Morphology	Adenocarcinoma
Growth properties	Adherent

Identification

Citation	HROC40 (Cytion 300822)
Biosafety level	1
NCBI_TaxID	9606
CellSaurusAccession	CVCL_1G01

Characteristics

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

HEK293T HROC40 | 300822

Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a 150 cm² flask containing 150 ml of pre-warmed medium.
3. Incubate the cells at 37°C in 5% CO₂.
4. Monitor cell growth and confluency. Harvest cells at 70-80% confluency.
5. Seed cells into a 15 cm² flask containing 8 ml of pre-warmed medium.
6. Harvest cells at 300 x g for 3 minutes.
7. Resuspend cells in 10 ml of pre-warmed medium.
8. Seed cells into a 150 cm² flask containing 150 ml of pre-warmed medium.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Harvest cells at 78°C

Shipping Conditions 78°C

Storage Conditions 150 cm² flask, 196 cells

HEK293T / HEK293T / HLA

Sterility PCR negative, mycoplasma free