

Product sheet

HROC43 HROC43 | 300823

General information

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

Demographics

Age	72
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Identification

Citation	HROC43 (ATCC CRL-2978 HROC43 300823)
Biosafety level	1
NCBI_TaxID	9606
CellSaurusAccession	CVCL_1D20

Genetic information

Protein expression	PTEN
Antigen expression	CD326+ CD44+ CD44+ CD15+ CD71+ CD73+ CD274+ CD47+ CD54+ CD95+ CD276+ CD133- CD66acdeweak CD66acdeweak IDO+ cFLIP+ MHC-I+ MHCIIweak IFN-γ EpCAM+

XXXXXXXX HROC43 HROC43 | 300823

Tumorigenic XXXX XX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX

Viruses XXXXX XX XXXXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX SV40X JC/BKX XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX

Ploidy status XXXXXXXXXX

MSI-status MSS

Mutational profile APCQ1429*, p53S241fs*5, K-Rasmut, N-Raswt, H-Raswt, PIK3CAwt, B-Rafwt

XXXXXXXXXXXX

Culture Medium DMEM: DMEM:Ham's F12 (1:1)X 3.1 XX/XXXX XXXXXXXX X 2.5 XXX XXXXXXX XXXXXXXXXX X 15 XXX XXXXXXX XXXXXXX (15 XXX XXXXXXX XXXXXXX)

Supplements XX XXXXXXX XXXXXXX X 10X XX XX FBS

Dissociation Reagent XXXXXXX

Doubling time 27 XXXXX

Subculturing XX XXXXXXX XXXXXXX XXXXXXX XX XXXXXXX XXXXXXXXXX XXXXXXX XXXXXXXXXX PBS XXXXX XXXXXXX XX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX

Seeding density 2×10^4 /XXXX

Fluid renewal XX 3 XXX5 XXXXX

Post-Thaw Recovery 1 XXXXXXX

Freeze medium XXXXXXX XXXXXXX XXXXXXXXXX XXXXXXX XXX XXX XXXXX (XXXX XX XXX FBS) + 10% DMSO XX XXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX

