

Product sheet

HROC183 | 300809

General information

Description	Cell line derived from a 59-year-old male patient with a primary tumor of the colon (PD Dr. Michael Linnebacher) [1].
Organism	Human
Tissue	Colon, UICC IIb
Disease	Colorectal cancer, TNM T3N2M0R0L1V0, G3, Lk(n) +12, Σ Lk(n) 12
Synonyms	HROC183P

Cell line characteristics

Age	59 years
Gender	Male
Ethnicity	German
Morphology	Epithelial cells
Growth properties	Adherent

Documentation and safety

Citation	HROC183 (Cell line) Cytion 300809
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1D16

Protein expression and analysis

Protein expression	PTEN
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Antigen expression	CD326+, CD44+, CD15+, CD71+, CD73  , CD274+, CD47+, CD54+, CD95+, CD276+, CD133  , CD66acde  , IDO+, cFLIP+, MHC-I+, MHCII      IFN- γ , EpCAM+
Tumorigenic	 ,                                      
Viruses	                                       SV40, JC/BK, HBV, HCV, HIV.
Ploidy status	                                      
MSI-status	MSS
Mutational profile	APCR1450*, p53R280W, K-RasG12d, N-Raswt, H-Raswt, PIK3CAwt, B-Rafwt
	
Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L  , w: 2.5 mM L-  , w: 15 mM HEPES, w: 0.5 mM   , w: 1.2 g/L NaHCO ₃ 820400a)
Supplements	                                       10% FBS
Dissociation Reagent	                                      
Doubling time	29 
Subculturing	                                                                                                                                                                                                                                   

