

Product sheet

Cell Line HROC32 | 300818

Cell Line

Description	Cell line derived from a 82-year-old male patient with a primary tumor of the prostate (PD Dr. Michael Linnebacher) [1].
Organism	Human
Tissue	Prostate, UICC IV
Disease	Prostate cancer, TNM T4N2M1R0L0V1, G2, Lk(n) + 9, Σ Lk(n) 14
Synonyms	HROC32P

Cell Line

Age	82 years
Gender	Male
Ethnicity	German
Morphology	Epithelial cells
Growth properties	Adherent

Cell Line

Citation	HROC32 (Cell Line) Cytion 300818
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1D06

Cell Line

Protein expression	PTEN
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Antigen expression	CD15 +, CD24 +, CD44 +, CD55 +, CD58 +, CD50 +, CD 54 +, CD66acde +, CD71 +, CD102 +, CD326 +, CD80 -, CD86 -, EpCAM +, HLA-A2 +, MHC I +, MHC II + (XXXX XXXX IFN-g), Her2/neu +
Tumorigenic	XX, XXXXXXX XXXXXXX XX XXXX XXXXX
Viruses	XXXX XXXXXXX XXXXXXX XXXX XXX SV40, JC/BK, HBV, HCV, HIV.
MSI-status	MSS
Mutational profile	APCwt, p53R282W, K-RasG12A, N-Raswt, H-Raswt SNP rs12628 XXXXXX27, PIK3CAst, BRAfw
XXXXXX	
Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L XXXXXX, w: 2.5 mM L-XXXXXX, w: 15 mM HEPES, w: 0.5 mM XXXX XXXXXX, w: 1.2 g/L NaHCO3 820400a)
Supplements	XXXX XXXX 10% FBS
Dissociation Reagent	XXXXXX
Doubling time	30 XXXX
Subculturing	XXXX XX XXXXXX XXXX XXXXXX XXXXXXX XXXX XXXX 4-PBS XXX XXXX XXXXXXX. XXXX XXXXXX T25, XXXXX 4-3-5 4-PBS, XXXXX XXX 3 XXXX. XXXX XX XXXXXX XXXXXX, XXXX XX XXXXXX XXXXXXX XXXX XXXX XXXX XXXXXX XXXX XXXX XXXXXX XXXXXX XXXX.
Seeding density	2×10^4 ^{cells} / XXXX
Fluid renewal	XX 3 XX 5 XXXX
Post-Thaw Recovery	1 XX 2 XXXXXXX
Freeze medium	XXXXXX XXXXXXX XXXXXX, XXX XXXXXXX XXXXXXX XXXX XXX (XXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXX XXXX XXXXXX, XXX C

██████ HROC32 | 300818

██████ HLA	A* : 01:01, 02:01
	B* : 08:01, 51:01:00
	C* : 07:01, 14:02
	DRB1* : 03:01, 11:01
	DQA1* : '01:02:01, '05:01:01
	DQB1* : 02:01, 03:01
	DPB1* : '01:01:01, '02:01:02
	E : 01:01, 01:03