

**HROC69 | 300828**

**General information**

|             |                                                                               |
|-------------|-------------------------------------------------------------------------------|
| Description | Human colorectal adenocarcinoma cell line (PD Dr. Michael Linnebacher)        |
| Organism    | Human                                                                         |
| Tissue      | Colorectal adenocarcinoma, UICC IIIa                                          |
| Disease     | Colorectal adenocarcinoma, TNM T3N0M1R0L0V0, G3, Lk(n) + 0, $\Sigma$ Lk(n) 34 |
| Synonyms    | HROC69P                                                                       |

**Cell characteristics**

|                   |                  |
|-------------------|------------------|
| Age               | 62 years         |
| Gender            | Male             |
| Ethnicity         | German           |
| Morphology        | Epithelial cells |
| Growth properties | Adherent         |

**Identification and documentation**

|                      |                        |
|----------------------|------------------------|
| Citation             | HROC69 (Cytion 300828) |
| Biosafety level      | 1                      |
| NCBI_TaxID           | 9606                   |
| CellosaurusAccession | CVCL_1G06              |

**Protein expression and analysis**

|                    |                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------|
| Protein expression | High expression of E-cadherin, low expression of p53, Toll (TLR) 3 -, TLR4 -, TLR7 -, TLR8 -, PTEN |
|--------------------|----------------------------------------------------------------------------------------------------|

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**Antigen expression** XXXXX XXXX XX XXXXXXXXXXXXXXXX (PS)

**Tumorigenic** XX, XXXXXXXX XXXXXXXX XX XXXXX XXXXXXXX

**Viruses** XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXX XXX SV40, JC/BK, HBV, HCV, HIV.

**Ploidy status** XXXXXXXXXXXXXXXX

**MSI-status** MSS

**Mutational profile** APCR1450\*, p53R306\*, K-Raswt, B-RAFwt, N-Raswt, H-Raswt, SNP rs12628 XXXXX27, PIK3CAwt

**XXXXXX**

**Culture Medium** DMEM:Ham's F12 (1:1), w: 3.1 g/L XXXXXXX, w: 2.5 mM L-XXXXXXX, w: 15 mM HEPES, w: 0.5 mM XXXX XXXXXXX, w: 1.2 g/L NaHCO3 820400a)

**Supplements** XXXXX XXXXXXX 10% FBS

**Dissociation Reagent** XXXXXXXX

**Doubling time** 25 XX 40 XXXXX

**Subculturing** XXX XX XXXXXXX XXXX XXXXXXX XXXXXXX XXXXX XXXX X-PBS XXX XXXX XXXXXXXXXX. XXXXX XXXXXXXX T25, XXXXXXX X-3-5 X' X-PBS, XXXXXXX XXXX 3 XXXX. XXXXX XX XXXXXXX XXXXXXX, XXXX XX XXXXXXX XXXXXXX XXXX XXXX XXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXX.

**Seeding density**  $2 \times 10^4$  XXXX/XX

**Fluid renewal** XX 3 XX 5 XXXXX

**Post-Thaw Recovery** XXXXXXXX

**Freeze medium** XXXXXXX XXXXXXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXX XXX (XXXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX, XXX C

