

**HROC46 T0 M1 | 300824**

**Description** - 2006 CRC

**Organism**

**Tissue** UICC IV CRC TNM T3N0M1R2L0V1 G3 Lk(n) + 0  $\Sigma$  Lk(n) 34

**Disease**

**Synonyms** HROC46

**Age** 66

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

**Citation** HROC46 T0 M1 Cytion 300824

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1D21

**Protein expression** PTEN

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|                             |  |     |               |              |                |           |                   |        |          |      |        |        |     |  |
|-----------------------------|--|-----|---------------|--------------|----------------|-----------|-------------------|--------|----------|------|--------|--------|-----|--|
| <b>Antigen expression</b>   | CD274+ CD197+ EpCAM+ CD40+ CD253+ CD56+ CD44+ CD66acde+ CD50- CD58- CD178- CD86- |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Tumorigenic</b>          |  |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Viruses</b>              | SV40 JC/BK HBV HCV HIV   |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Ploidy status</b>        |  |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>MSI-status</b>           | MSS  |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Mutational profile</b>   | APCmut K-RasG12V N-Raswt H-Ras wt p53wt PIK3CAwt B-Rafwt                         |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Culture Medium</b>       | 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 NaHCO3 | Cytion | 8        |      |        |        |     |  |
| <b>Supplements</b>          | 10% FBS  |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Dissociation Reagent</b> | Accutase   |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Doubling time</b>        | 25 40  |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Subculturing</b>         |  |     | PBS           | T25          | 3-5            | PBS       | T75               | 5-10   | Accutase | T25  | 1-2    | T75    | 2.5 |  |
| <b>Seeding density</b>      | 2 × 10 <sup>4</sup> /  |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Fluid renewal</b>        | 3 5  |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Post-Thaw Recovery</b>   | 1 2  |     |               |              |                |           |                   |        |          |      |        |        |     |  |
| <b>Freeze medium</b>        |  |     | FBS +10% DMSO | CM-1         | Cytion         | 800100    |                   |        |          | CM-1 | Cytion | 800100 |     |  |

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**Thawing and  
Culturing Cells**

|    |         |        |       |     |
|----|---------|--------|-------|-----|
| 1. |         |        |       |     |
| 2. |         | -150°C |       | 3   |
| 3. |         | 37°C   | 40-60 |     |
| 4. |         | 70%    |       |     |
| 5. |         | 8      | 15    |     |
| 6. | 300 x g | 3      |       |     |
| 7. | 10      |        | T25   | T25 |
| 8. |         |        |       |     |

**Incubation  
Atmosphere**

37°C, 5% CO<sub>2</sub>

**Flask Coating**

**Freezing  
Procedure**

-78 °C

**Shipping  
Conditions**

-78 °C

**Storage  
Conditions**

-150 -196 -80 °C

/ /HLA

**Sterility**

PCR