

**HROC348 | 300719**

<b>Description</b>	HROC348			T3 G3 N2		
	HROC348	KRAS BRAF			HROC348	RAS/
		LN_pos = 2	M		MSS	HROC348

**Organism**

<b>Tissue</b>	
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**Disease**

<b>Metastatic site</b>	Not reported (primary sigmoid colon adenocarcinoma; no confirmed distant metastasis at time of sampling)
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**Applications**

Colorectal cancer research; KRAS/BRAF wild-type MSS CRC biology; left-sided colorectal cancer modeling; drug sensitivity in non-mutated RAS/RAF tumors; HROC Linnebacher biobank studies; CRC immunotherapy evaluation; preclinical oncology

<b>Age</b>	77
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**Gender**

<b>Ethnicity</b>	
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**Morphology**

<b>Cell type</b>	Epithelial cells
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**Growth properties**

<b>Citation</b>	HROC348 Cytion 300719
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**Biosafety level**

1

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**NCBI\_TaxID** 9606

**CellosaurusAccession** Not assigned

**GMO Status** No genetic modification; wildtype patient-derived CRC cell line from the HROC Linnebacher biobank. KRAS wild-type, BRAF wild-type, MSS, CIMP-negative.

**MSI-status** MSS

**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 NaHCO3 Cytion

**Supplements** 10% FBS

**Dissociation Reagent** Accutase

**Subculturing** PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

**Fluid renewal** 2 3

**Freeze medium** 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