

HROC348 | 300719

Description	HROC348 S	T3 G3 N2
	HROC348	KRAS BRAF
	LN_pos=2	M 1

MSS

Organism

Tissue	S
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Disease

Metastatic site	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

Age	77
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Gender

Ethnicity	
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Morphology

Cell type	Epithelial cells
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Growth properties

Citation	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

Subculturing PBS T25 3-5ml T75 5-10ml PBS T25 1-2ml

Fluid renewal 2 3

Freeze medium FBS 10 DMSO CM-1

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Thawing and Culturing Cells			
1.			
2.		-150	3
3.		37	40 60
4.	70		
5.		8ml	15ml
6.	300 x g 3		
7.	10ml		2 T25
8.			

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions -78

Storage Conditions -150 -196 80

HLA

Sterility PCR