

HCT116 | 300195

Description	HCT116	. HCT-116	KRAS	13
	HCT116			
		HCT116	.	HCT116
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Organism

Tissue

Disease

Synonyms	HCT-116, HCT.116, HCT_116, HCT 116, CoCL2
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Age	48
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Gender

Ethnicity

Morphology

Growth properties

Citation	HCT116(300195)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0291
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Antigen expression . HCT 116 1(TGF 1) 2(TGF 2) .

Tumorigenic , (5-10 x 10⁶)

Ploidy status

MSI-status (MSI)

Karyotype HCT116 70% 45 , 8, 10, 16, 17 Y .

Culture Medium 5a, w: 3.0g/L , w: , w: 2.0mM , w: 2.2g/L NaHCO₃(820200a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 25~35

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Seeding density 2 x 10⁴ /cm²

Fluid renewal 1~2

Post-Thaw Recovery 3

Freeze medium (FBS) + 10% DMSO , 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. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation Atmosphere

37°C, 5% CO₂ .

Flask Coating

Freezing Procedure

-78°C .

Shipping Conditions

-78°C .

Storage Conditions

-150°C -196°C .80°C .

/ / HLA

Sterility

PCR .

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HLA

A*: '01:01:01, '02:01:01

B*: '18:01:01, '21:01:01

C*: '05:01:01, '07:01:01

DRB1*: '03:01:01, '11:02:01

DQA1*: '05:01:01, '05:05:01

DQB1*: '02:01:01, '03:19:01

DPB1*: '03:01:01g, '04:02:01g

E: '01:01, '01:03