

HT-29 | 300215

Description	HT-29		HT22	1964	44
	HT-29	5-			
	HT-29				
	HT-29				

Organism

Tissue

Disease

Synonyms	HT 29 HT29
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Age	44
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Gender

Ethnicity

Morphology

Growth properties

Citation	HT-29 Cytion 300215
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Biosafety level 1

NCBI_TaxID	9606
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CellosaurusAccession CVCL_0320

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Receptors expressed	u-PAR	D
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Protein expression	CEA	p53
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Antigen expression	A Rh+ HLA A1 A3 B12 B17 Cw5 CD4 -	HIV
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Isoenzymes	Me-2 1 PGM3 1-2 PGM1 1-2 ES-D 1 AK-1 1 GLO-1 1-2 G6PD B	0.0230
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Oncogenes	Myc+, ras+, myb+, fos+, sis+, p53+, abl -, ros -, src -
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Tumorigenic	I
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Virus susceptibility	HIV LAV
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Products	IgA	(CEA)	beta	p53
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Karyotype	Y	2S	2.4%	17	M1p- =	t 3p-	t 7q	t 10q	i 13q	19
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Culture Medium	EMEM MEM Eagle	w 2 mM L-	w 2.2 g/L NaHCO3	w EBSS Cytion	820100a
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Supplements	10% FBS	1% NEAA
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Dissociation Reagent	Accutase
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Doubling time	24
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Subculturing	PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
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Seeding density	3×10^4 /
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Fluid renewal 2 3

Post-Thaw Recovery 48

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 ❏ -80 °C

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/ /HLA

Sterility

PCR

HLA

A*: '01:01:01, '24:03:01

B*: '35:01:01, '44:03:01

C*: '04:01:01

DRB1*: '04:02:01, '07:01:01

DQA1*: '02:01:01, '03:01:01

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

DPB1*: '04:01:01

E: '01:01, '01:03