

HBL-100 | 300178

Description	HBL-100	3	7
	HBL-100	HBL-100	Y

Organism

Tissue

Disease

Synonyms	HBL 100, HBL100
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Age	27
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Gender

Ethnicity

Morphology

Growth properties

Citation	HBL-100 (Cytion 300178)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_4362
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Antigen expression	A1, A10, A11, B7, B8															
Isoenzymes	G6PD	B	PGM1	1	PGM3	2	ES-D	1	Me-2	0	GLO-1	2	AK-1	1-2	0.0008	
Tumorigenic	35										35					
Viruses	SV40					MPMV					D					
Reverse transcriptase																
Ploidy status																
MSI-status	MSS															
Karyotype	67	3	39					28	2q 11q+ 11q t(2q.12) t(2q.5q?) t(6p?.16)					16pt		
Culture Medium	McCoy's 5a w 3.0g/L		w	w 2.0mM			w 2.2g/L NaHCO3 (Cytion article number 820200a)									
Supplements	10% FBS															
Dissociation Reagent																
Subculturing						PBS	T25	3-5ml	T75	5-10ml	PBS	T25	1-2m			
Seeding density	$1 \times 10^4 / \text{cm}^2$															
Fluid renewal	2 3															
Post-Thaw Recovery	$\frac{4}{\sqrt{10}}$					24										
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

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HLA

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

B*: '08:01:01, '40:01:02

C*: '03:04:01, '07:01:01

DRB1*: '03:01:01, '15:01:01

DQA1*: '01:02:01, '05:01:01

DQB1*: '02:01:01, '06:02:01

DPB1*: '04:01:01

E: '01:01, '01:03