

BT-474 | 300131

Description	BT-474	60	BT-474
	BT-474	HER2	

Organism

Tissue

Disease

Metastatic site

Synonyms	Bt-474, BT474
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Age	60
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Gender

Ethnicity

Morphology

Growth properties

Citation	BT-474 (Cytion	300131)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0179
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Receptors expressed	her-2/neu+ er+ pr+
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Isoenzymes	G6PD B PGM3 1 PGM1 1 ES-D 1 Me-2 0 AK-1 1 GLO-1 1	0.0426
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Tumorigenic	
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Virus susceptibility	RIII-MuMTV
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MSI-status	MSS
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Mutational profile	TP53
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Karyotype	55 50 112 3 58 59 100
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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)
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Supplements	10% FBS 10µg/mL
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Doubling time	60 80
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Subculturing	PBS	T25	3-5ml T75	5-10ml PBS	T25	1-2ml
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Seeding density	2×10 ⁴ /cm ²
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Fluid renewal	2 3
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Post-Thaw Recovery	90%	100%
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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, '29:02:01

B*: '07:02:01, '44:03:01

C*: '07:02:01, '16:01:01

DRB1*: '04:01, '15:01

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

DQB1*: '06:02:01

DPB1*: 04:01:01g, 05:01:01g

E: '01:01:01, '01:03:02