

**BT-474 | 300131**

<b>Description</b>	BT-474	60		BT-474	HER2/neu
	BT-474		HER2	HER2	

**Organism**

**Tissue**

**Disease**

**Metastatic site**

<b>Synonyms</b>	Bt-474, BT474
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<b>Age</b>	60
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**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

<b>Citation</b>	BT-474 Cytion	300131
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<b>Biosafety level</b>	1
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<b>NCBI_TaxID</b>	9606
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<b>CellosaurusAccession</b>	CVCL_0179
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<b>Receptors expressed</b>	her-2/neu+, er+, pr+
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<b>Isoenzymes</b>	G6PD B PGM3 1 PGM1 1 ES-D 1 Me-2 0 AK-1 1 GLO-1 1	0.0426
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<b>Tumorigenic</b>	
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<b>Virus susceptibility</b>	RIII-MuMTV
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<b>MSI-status</b>	(MSS)
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<b>Mutational profile</b>	TP53
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<b>Karyotype</b>	= 55 = 50 112 58 - 59 3 100
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<b>Culture Medium</b>	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 8
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<b>Supplements</b>	10% FBS 10 /
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<b>Doubling time</b>	60 80
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<b>Subculturing</b>	PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5
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<b>Seeding density</b>	$2 \times 10^4 / \text{cm}^2$ 4
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<b>Fluid renewal</b>	2 3
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<b>Post-Thaw Recovery</b>	100% 90
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<b>Freeze medium</b>	FBS +10% DMSO CM-1 Cytion 800100 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.		8	15	
6.	300 x g	3		
7.	10		T25	T25
8.				

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78 °C

**Shipping Conditions** -78 °C

**Storage Conditions** -150 -196 ❏ -80 °C

/ /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