

BT-474 | 300131

Description	BT-474	60		BT-474	HER2/neu
	BT-474		HER2	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+														
Isoenzymes	G6PD	B	PGM3	1	PGM1	1	ES-D	1	Me-2	0	AK-1	1	GLO-1	1	0.0426
Tumorigenic															
Virus susceptibility	RIII-MuMTV														
MSI-status	(MSS)														
Mutational profile	TP53														
Karyotype	= 55	= 50	112	58 - 59	3	100									
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	8			
Supplements	10% FBS 10 /														
Doubling time	60 80														
Subculturing	PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5				
Seeding density	$2 \times 10^4 / \text{cm}^2$ 4														
Fluid renewal	2 3														
Post-Thaw Recovery	100% 90														
Freeze medium	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% CO₂

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