

Product sheet

BT-474 | 300131

Description	BT-474	60	BT-474	HER2/neu
	BT-474		HER2	HER2
Organism				
Tissue				
Disease				
Metastatic site				
Synonyms	Bt-474, BT474			
Age	60			
Gender				
Ethnicity				
Morphology				
Growth properties				
Citation	BT-474 Cytion 300131			
Biosafety level	1			
NCBI_TaxID	9606			
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

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