

BT-474 | 300131

Description	BT-474 60	.	.BT-474
	BT-474	HER2	()

Organism

Tissue

Disease

Metastatic site

Synonyms Bt-474, BT474

Age 60

Gender

Ethnicity

Morphology

Growth properties

Citation BT-474(300131)

Biosafety level 1

NCBI_TaxID 9606

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, 58 - 59 3 100
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Culture Medium	DMEM: F12(1:1), w: 3.1 g/L , w: 2.5mM L- , w: 15mM HEPES, w: 0.5mM , w: 1.2 g/L NaHCO3 (Cytion
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Supplements	10% FBS, 10 /mL
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Doubling time	60~80
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Subculturing	PBS . T25 3~5ml, T75 5~10ml PBS . T25
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Seeding density	$2 \times 10^4 / \text{cm}^2$ 4
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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(Cytion 800100)
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Thawing and Culturing Cells	
1.	.
2.	-150°C , 3 .
3.	37°C 40~60 .
4.	, 70% .
5.	8ml 15ml .
6.	300 x g 3 .
7.	10ml . T25 , T25
8.	. .

Incubation Atmosphere 37°C, 5% CO₂ .

Flask Coating

Freezing Procedure -78°C

Shipping Conditions -78°C

Storage Conditions -150°C -196°C .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