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 58–59 100 3

Culture Medium	DMEM Ham's F12 1:1 3.1 g/L 2.5 mM L- 15 mM HEPES w: 0.5 mM w: 1.2 g/L $NaHCO_3$ Cytion
Supplements	10% FBS 10 /
Doubling time	60 80
Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1–2 T75
Seeding density	2×10^4 /cm^2 4
Fluid renewal	2 3
Post-Thaw Recovery	100% 90%
Freeze medium	FBS + 10% DMSO CM-1 Cytion 800100

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_2
Shipping Conditions	−78 °C
Storage Conditions	−150 −196 °C −80 °C
Sterility	PCR