Product sheet

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 (Cytion 300131)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0179

BT-474 | 300131

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 3 58 59 100

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 (Cyti
Supplements	10% FBS 10µg/mL
Doubling time	60 80
Subculturing	PBS T25 3-5ml T75 5-10ml PBS T25 1-2m
Seeding density	2×10^4 /cm^2
Fluid renewal	2 3
Post-Thaw Recovery	90% 100%
Freeze medium	FBS 10 DMSO CM-1

BT-474 | 300131

Thawing and Culturing Cells	1. 2. -150 3 3. 37 40 60 4. 70 5. 8ml 15ml 6. 300 x g 3 7. 10ml 2 T25 1 8.
Incubation Atmosphere	37 5% CO_2
Flask Coating	
Freezing Procedure	-78
Shipping Conditions	-78
Storage Conditions	-150 -196 80
	HLA
Sterility	PCR

BT-474 | 300131

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