Product sheet

[redacted] BT-474 | 300131

[redacted]

Description	BT-474 [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] 60. [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] BT-474 [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]
Organism	[redacted]
Tissue	[redacted], [redacted] [redacted]
Disease	[redacted] [redacted] [redacted]
Metastatic site	[redacted]
Synonyms	Bt-474, BT474

[redacted]

Age	60 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted] [redacted]
Growth properties	[redacted] [redacted] [redacted] [redacted], [redacted]-[redacted], [redacted] [redacted], [redacted] [redacted] [redacted] [redacted]. [redacted] [redacted] [redacted] [redacted]-[redacted] [redacted].

[redacted] [redacted]

Citation	BT-474 ([redacted] [redacted] Cytion 300131)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0179

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[redacted]-[redacted]

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, [redacted]: 0.0426
Tumorigenic	[redacted], [redacted]
Virus susceptibility	[redacted] (RIII-MuMTV)
MSI-status	[redacted] (MSS)
Mutational profile	[redacted] TP53
Karyotype	[redacted] = 55, [redacted] = 50 [redacted] 112, [redacted] [redacted]-[redacted] 58 - 59 [redacted]-100 [redacted] [redacted] [redacted] [redacted] 3 [redacted]

[redacted]

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L [redacted], w: 2.5 mM L-[redacted], w: 15 mM HEPES, w: 0.5 mM [redacted], w: 1.2 g/L NaHCO3 820400a)
Supplements	[redacted] 10% FBS, 10 [redacted]/[redacted] [redacted]
Doubling time	60 [redacted] 80 [redacted]
Subculturing	[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]-PBS [redacted] [redacted] [redacted]. [redacted] [redacted] T25, [redacted] [redacted]-3-5 [redacted] PBS, [redacted] [redacted] 3 [redacted]. [redacted] [redacted] [redacted], [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted].
Seeding density	2 x 10^4 [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]-4 [redacted].
Fluid renewal	2 [redacted] 3 [redacted] [redacted]
Post-Thaw Recovery	[redacted] 100% [redacted] [redacted] [redacted] [redacted] [redacted] 90%
Freeze medium	[redacted], [redacted] [redacted] [redacted] [redacted] [redacted] (FBS) + 10% DMSO [redacted] [redacted] [redacted] [redacted] [redacted] [redacted], [redacted] C

Thawing and Culturing Cells	1. [illegible] 2. [illegible] -150°C [illegible] 3. [illegible] 37 [illegible] 4. [illegible] 70% [illegible] 5. [illegible] 15 [illegible] 8 [illegible] 6. [illegible] -300 x g [illegible] 3 [illegible] 7. [illegible] -10 [illegible] T2 8. [illegible]
Incubation Atmosphere	37°C, 5% $_{CO2}$, [illegible]
Flask Coating	[illegible]
Freezing Procedure	[illegible] -78°C
Shipping Conditions	[illegible] -78°C
Storage Conditions	[illegible] -150 [illegible] 196 [illegible]

[illegible] / [illegible] / HLA

Sterility	[illegible] PCR [illegible] [illegible]

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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