Product sheet

4T1-Luc | 305663

Description	4T1-Luc , 4T1 . 4T1 , 4 (BLI) , . 4T1-Luc . , ,
Organism	
Tissue	
Disease	
Breed/Subspecies	BALB/cfC3H
Gender	
Morphology	
Growth properties	
Citation	4T1-Luc (Cytion 305663)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_J239
GMO Status	GMO-S1: This cell line contains a stably integrated firefly luciferase reporter cassette (Luc2, codon-optimized) introduced via replication-incompetent lentiviral transduction. The resulting polyclonal cell population was maintained under puromycin selection (1–5 µg/mL). S1 containment is required. This classification applies only within Germany and may differ elsewhere.

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Antigen expression	Luc
Tumorigenic	, BALB/c .
MSI-status	

Culture Medium	RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3(820700a)
Supplements	10% FBS
Dissociation Reagent	
Subculturing	PBS . T25 3~5ml, T75 5~10ml PBS . T25
Seeding density	$1\sim3 \times 10^4 /cm^2$
Fluid renewal	2~3
Freeze medium	+ 10% DMSO .

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Thawing and Culturing Cells	1. . 2. -150°C , 3 . 3. 37°C 40~60 . 4. , 70% . 5. 8ml 15ml . 6. 200 x g 5 . 7.
Incubation Atmosphere	37°C, 5% $_{CO2}$, .
Shipping Conditions	-78°C . .
Storage Conditions	-150°C -196°C . 80°C .