

4T1-GFP | 305625

Description 4T1-GFP (GFP) 4T1 ,
 4T1 GFP ,
 ,4T1 , (anoikis) , .4T1

Organism

Tissue

Disease

Metastatic site Lung (primary metastatic site in orthotopic BALB/c model); also liver, lymph nodes, bone

Applications Metastatic breast cancer research; GFP-based tumor cell tracking; orthotopic mammary fat pad implantation; in vivo imaging (fluorescence); immunotherapy evaluation; cancer immunology; metastasis biology

Synonyms 4T1-A, 4T1.0, 4T1/WT

Age

Gender

Morphology Epithelial-like

Cell type Epithelial cells

Growth properties

Citation 4T1-GFP (Cytion 305625)

Biosafety level 1

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NCBI_TaxID 10090

CellosaurusAccession CVCL_0125

GMO Status GMO-S1: 4T1 GFP , . ,

Surface antigens GFP

Culture Medium RPMI 1640, w: 2.1mM , w: 2.0g/L NaHCO3(820700a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 12.6

Split ratio 1 to 3

Seeding density $1\sim 3 \times 10^4 / \text{cm}^2$

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

/ / HLA