

A375-GFP | 305665

Description

A375-GFP is a stable cell line derived from A375 melanoma cells, expressing eGFP under the control of the A375-GFP MAPK promoter. The cells are maintained in DMEM supplemented with 10% FBS. For imaging, cells are seeded in 96-well plates and treated with ZsGreen1 (1–5 µg/mL) for 24 hours. S1/BSL-1

Organism

Tissue

Disease

Age

54

Gender

Ethnicity

Growth properties

Citation

A375-GFP (Cytion 305665)

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_QZ67

GMO Status

GMO-S1: , ZsGreen1 .

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Antigen expression	ZsGreen1 ()				
Mutational profile	: BRAF, , p.Val600Glu (c.1799T>A), (). , CDKN2A, , p.Glu61Ter (c.181G>T) (p.Gly75Val, c.224G>T), p.Glu69Ter (c.205G>T) (p.Gly83Val, c.248G>T), (). , TERT, , c.1-146C>T (c.250C>T) (C250T), , = ()				
Culture Medium	DMEM, w: 4.5g/L , w: 4mM L- , w: 3.7g/L NaHCO3, w: 1.0mM (820300a)				
Supplements	10% FBS				
Dissociation Reagent					
Subculturing		PBS	. T25	3~5ml, T75	5~10ml PBS . T25
Seeding density	$1\sim3\times10^4/\text{cm}^2$				
Fluid renewal	2~3				
Freeze medium	+ 10% DMSO .				
Thawing and Culturing Cells	1. 2. -150°C 3. 37°C 40~60 4. , 70% 5. 8ml 15ml 6. 200 x g 5 7.				

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Incubation Atmosphere	37°C, 5% _{CO2}	.
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Shipping Conditions	-78°C	.	.
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Storage Conditions	-150°C	-196°C	.80°C	.
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