

DT40 | 305249

Description	DT40 (Gallus gallus)
Organism	
Disease	
Synonyms	DT-40, DT 40, DT40B, LSCC-DT40
Breed/Subspecies	
Age	1
Gender	
Morphology	
Cell type	
Growth properties	
Citation	DT40 (Cytion 305249)
Biosafety level	1
NCBI_TaxID	9031
CellosaurusAccession	CVCL_0249

Product sheet

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Receptors expressed	CD133, CD133 ⁺
Protein expression	CD133, CD133 ⁺
Oncogenes	C-MYC
Tumorigenic	Yes, tumorigenic in nude mice
Viruses	Adenovirus (ALV)
Culture Medium	DMEM, w: 4.5 g/l glucose, w: 4 g/l glutamine, w: 3.7 g/l NaHCO ₃ , w: 1.0 g/l insulin, w: 1.0 g/l transferrin, w: 1.0 g/l selenium
Supplements	10% FBS, 2-mercaptoethanol 0.05 mM, insulin 5%, transferrin 5%, selenium 5%
Dissociation Reagent	Trypsin
Subculturing	1:2 to 1:10
Seeding density	2 × 10 ⁴ to 4 × 10 ⁵ cells/ml
Freeze medium	DMEM + 10% FBS + 10% DMSO

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Thawing and
Culturing Cells

1. Thaw cells quickly in a water bath at 37°C.
2. Add cells to a cryovial and store at -150 °C.
3. Thaw cells quickly in a water bath at 37°C.
4. Add cells to a cryovial and store at -150 °C.
5. Add cells to a cryovial and store at -150 °C.
6. Add cells to a cryovial and store at -150 °C.
7. Add cells to a cryovial and store at -150 °C.
8. Add cells to a cryovial and store at -150 °C.

Incubation
Atmosphere

37°C, 5% CO₂, humidified

Shipping
Conditions

Shipped at -150 °C

Storage
Conditions

Store at -150 °C or -196 °C

Sterility

PCR negative

Not tested for mycoplasma