

DT40 | 305249

Description	DT40 is a cell line derived from the DT40 chicken B cell line (Gallus gallus). It is a highly tumorigenic cell line that is used for studying the effects of various agents on B cell development and differentiation. The cell line is characterized by its high tumorigenicity and its ability to form tumors in mice.
Organism	Chicken
Disease	DT40 is a cell line derived from a chicken B cell line that is highly tumorigenic. It is used for studying the effects of various agents on B cell development and differentiation.
Synonyms	DT-40, DT 40, DT40B, LSCC-DT40
Breed/Subspecies	Hy-Line SC
Age	1 day old
Gender	Female
Morphology	DT40 cells are highly tumorigenic and form large, dense colonies in culture.
Cell type	B cell
Growth properties	DT40 cells are highly tumorigenic and form large, dense colonies in culture.
Citation	DT40 (Cytion: 305249)
Biosafety level	1
NCBI_TaxID	9031
CellosaurusAccession	CVCL_0249

Product sheet

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Receptors expressed	CD133, CD133 ⁺ M
Protein expression	CD133, CD133 ⁺ M
Oncogenes	C-MYC
Tumorigenic	Yes, in nude mice
Viruses	Adenovirus (ALV)
Culture Medium	DMEM + 4.5 g/l glucose + 4 mM glutamine + 3.7 g/l NaHCO ₃ + 1.0 mM sodium butyrate + 10% FBS (8201)
Supplements	10% FBS, 0.05 mM 2-mercaptoethanol, 5% FBS, 10% FBS
Dissociation Reagent	Trypsin
Subculturing	1:2 to 1:10
Seeding density	2 × 10 ⁵ cells/cm ²
Freeze medium	DMEM + 10% FBS + 10% DMSO

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Thawing and
Culturing Cells

1. 将细胞悬液解冻后，立即加入含有 10% 胎牛血清 (FBS) 的完全培养基中，并轻轻混匀。
2. 将细胞悬液接种到含有 10% FBS 的完全培养基中，并在 37°C 下培养。
3. 将细胞悬液接种到含有 10% FBS 的完全培养基中，并在 37°C 下培养。
4. 将细胞悬液接种到含有 10% FBS 的完全培养基中，并在 37°C 下培养。
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6. 将细胞悬液接种到含有 10% FBS 的完全培养基中，并在 37°C 下培养。
7. 将细胞悬液接种到含有 10% FBS 的完全培养基中，并在 37°C 下培养。
8. 将细胞悬液接种到含有 10% FBS 的完全培养基中，并在 37°C 下培养。

Incubation
Atmosphere

37 °C, 5% CO₂, 95% 空气

Shipping
Conditions

细胞在含有 10% FBS 的完全培养基中，并在 37°C 下培养。

Storage
Conditions

细胞在含有 10% FBS 的完全培养基中，并在 37°C 下培养。

Sterility

细胞在含有 10% FBS 的完全培养基中，并在 37°C 下培养。