

CT26 | 305229

General information

Description	CT26 is a murine B cell lymphoma cell line derived from a BALB/c mouse. It is a B cell lymphoma, characterized by the presence of B cell markers and the ability to produce antibodies. CT26 is a well-established cell line used in immunology and cancer research. It is derived from a BALB/c mouse, which is a common strain used in laboratory research. The cell line is characterized by its ability to produce antibodies, making it a valuable tool for studying the immune system and for developing new therapies.
Organism	Murine
Tissue	B cell lymphoma
Disease	B cell lymphoma
Synonyms	CT-26, CT 26, murine B cell lymphoma 26

Characteristics

Breed/Subspecies	BALB/c
Age	8-12 weeks
Gender	Male
Growth properties	Adherent

Identification and documentation

Citation	CT26 (murine B cell lymphoma) Cytion 305229
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_7254

Genetic information and markers

Tumorigenic	Yes, BALB/c
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Culture Medium	RPMI 1640, w: 2.0 mM β -glucose, w: 2.0 g/L NaHCO ₃ (Cytion 820700a)
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Supplements	10% FBS
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Dissociation Reagent	
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Subculturing	CT26 cells are grown in 25 cm ² flasks in RPMI 1640 medium supplemented with 10% FBS. When cells reach confluence, they are trypsinized and seeded into new flasks. The medium is changed every 3-5 days.
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Freeze medium	CT26 cells are grown in 25 cm ² flasks in RPMI 1640 medium supplemented with 10% FBS. When cells reach confluence, they are trypsinized and seeded into new flasks. The medium is changed every 3-5 days.
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Thawing and Culturing Cells

1. Thaw cells quickly in a water bath at 37°C. Transfer cells to a 15 mL centrifuge tube and centrifuge at 300 x g for 5 minutes. Remove the supernatant and resuspend cells in 1 mL of medium.
2. Seed cells into a 25 cm² flask containing 10 mL of medium. Incubate at 37°C in 5% CO₂.
3. When cells reach confluence, they are trypsinized and seeded into new flasks. The medium is changed every 3-5 days.
4. Cells are grown in 25 cm² flasks in RPMI 1640 medium supplemented with 10% FBS. When cells reach confluence, they are trypsinized and seeded into new flasks. The medium is changed every 3-5 days.
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Incubation Atmosphere	37°C, 5% CO ₂ , humidified
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Flask Coating	
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Freezing Procedure	CT26 cells are grown in 25 cm ² flasks in RPMI 1640 medium supplemented with 10% FBS. When cells reach confluence, they are trypsinized and seeded into new flasks. The medium is changed every 3-5 days.
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Shipping Conditions

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Storage Conditions

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Sterility

Abstract

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