

CT26.WT | 305178

CT26.WT

Description	CT26.WT is a murine cell line derived from a CT26 melanoma cell line, which is a highly metastatic melanoma cell line. It is characterized by its ability to form large, well-defined nodules in the lungs of BALB/c mice. The cell line is maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin. It is a highly tumorigenic cell line, capable of forming large, well-defined nodules in the lungs of BALB/c mice.
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Organism	Murine
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Tissue	CT26
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Disease	Melanoma
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Synonyms	CT26WT
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CT26.WT

Breed/Subspecies	BALB/c
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Morphology	CT26
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Growth properties	CT26
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CT26.WT

Citation	CT26.WT (CT26.WT Cytion 305178)
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Biosafety level	1
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NCBI_TaxID	10090
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CellosaurusAccession	CVCL_7256
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CT26.WT

Antigen expression	H-2d
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Tumorigenic	CT26
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Culture Medium

Supplements

Dissociation
Reagent

Subculturing

Fluid renewal

Freeze medium

Thawing and Culturing Cells

- ## Incubation Atmosphere

Flask Coating

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Freezing
Procedure

CT26.WT cells are grown in 100 cm² flasks until reaching confluence. Cells are harvested by trypsinization and centrifuged at 300 x g for 5 min. The cell pellet is washed with PBS and centrifuged again. The cell pellet is resuspended in 10 ml of freezing medium (DMEM supplemented with 10% FBS and 10% DMSO) and frozen at -80°C.

Shipping
Conditions

CT26.WT cells are shipped in 100 cm² flasks with freezing medium. Cells are frozen at -80°C and shipped on dry ice.

Storage
Conditions

CT26.WT cells can be stored in liquid nitrogen for up to 12 months. Cells are stored in 100 cm² flasks with freezing medium.

CT26.WT / CT26.WT / HLA

Sterility

CT26.WT cells are grown in 100 cm² flasks. Cells are harvested by trypsinization and PCR screening is performed to ensure the absence of mycoplasma contamination. Cells are also screened for mycoplasma contamination using a mycoplasma detection kit.