

Product sheet

CT26 | 305229

CT26

Description
CT26 is a murine B cell hybridoma cell line, derived from a BALB/c mouse. It produces monoclonal antibodies against the CD26 antigen. The cell line is maintained in culture and is used for the production of monoclonal antibodies.

Organism Murine

Tissue B cell

Disease B cell lymphoma

Synonyms CT-26, CT 26, murine B cell hybridoma 26

Characteristics

Breed/Subspecies BALB/c

Age 6-8 weeks

Gender Female

Growth properties Adherent

References

Citation CT26 (Cytion 305229)

Biosafety level 1

NCBI_TaxID 10090

CellSaurusAccession CVCL_7254

Additional information

Tumorigenic No, BALB/c

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Cell Line

Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Seed cells into T25 flasks with 3 ml of medium. When cells reach 70-80% confluency, dissociate and seed into new flasks.

Freeze medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a), 10% FBS, 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Dilute cells into 10 ml of fresh culture medium.
3. Seed cells into a T25 flask.
4. Allow cells to attach and reach 70% confluency.
5. Pass cells into a T75 flask.
6. Seed cells into a 300 ml flask.
7. Seed cells into a 10 ml flask.
8. Seed cells into a 100 ml flask.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating

Flask coating: none

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Freezing Procedure [redacted] -78°C

Shipping Conditions [redacted] -78°C

Storage Conditions [redacted] -150 to 196

[redacted] / [redacted] / HLA

Sterility [redacted]
[redacted]