

MINO | 305513

Description

MINO is a... (MCL) ...

Organism

Tissue

Disease

Synonyms

Age

Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation

Biosafety level

NCBI_TaxID

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CellosaurusAccession CVCL_1872

Mutational profile

CDKN2A, p.Glu88Lys (c.262G>A) NRAS p.Gly13Asp (c.38G>A) p.

Culture Medium

RPMI 1640 2.0 2.0 NaHCO₃ (820700a)

Supplements

10% FBS

Split ratio

A ratio of 1:5 to 1:10 is recommended for routine culture.

Seeding density

1 × 10⁶

Freeze medium

(10% FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Add cells to a pre-warmed medium.
3. Incubate cells for 37 hours.
4. Seed cells into a 70% confluent well.
5. Incubate cells for 15 days.
6. Seed cells into a 300 × 3 mm well.
7. Incubate cells for 10 days.
8. Harvest cells.

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Incubation Atmosphere 37 \times 10^6 cells per well in 96-well plates

Flask Coating 0.1% gelatin

Freezing Procedure 10⁶ cells per vial in 10% FBS + 90% FCS

Shipping Conditions 4°C

Storage Conditions -150 °C to -196 °C

/ / HLA

Sterility Sterile, mycoplasma free