

AB2.2.2 | 305738

Description 129S7 (
AB2.2 (ES)
AB2.2
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Organism

Tissue

Applications

Age

Gender

Cell type

Growth properties

Citation AB2.2.2 (305738)

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_C261

Mutational profile

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Seeding density

3 × 10⁵ cells/cm²

Fluid renewal

2 × 3 days

Freeze medium

DMEM (10% FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Dilute cells into pre-warmed DMEM (10% FBS) medium.
3. Seed cells into a 25 cm² flask.
4. Allow cells to recover for 24 hours.
5. Remove the medium and replace with fresh DMEM (10% FBS).
6. Seed cells into a 30 × 30 × 3 cm flask.
7. Allow cells to recover for 10 days.
8. Harvest cells for cryopreservation.

Incubation Atmosphere

37°C, 5% CO₂

Flask Coating

Yes

Freezing Procedure

Freeze cells in DMEM (10% FBS) + 10% DMSO at -80°C.

Shipping Conditions

Ship cells at -80°C.

