

Immortalized Mouse Corneal Stromal Cell

Cat. No. ARI0169, 1×10^6 cells/vial

Description

The immortalized mouse corneal stromal cell is the cell line of stromal cells derived from the eye. It is cultured in adherent and exhibits an spindle-shaped, irregular morphology.

Specification

Cell Type: Stromal cell

Tissue/Organ: Eye

Derived from Site: N/A

Disease: Normal

Species: Mus musculus (Mouse)

Genetic Background: N/A

Symbols: IMCSC

Age: N/A

Immortalization Method: Simian virus 40 (SV40)

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Culturing Guidance

Morphology: Spindle-shaped, irregular



Growth Mode: Adherent

Temperature: 37°C

Atmosphere: 5% CO₂

Unpacking and Storage Instructions

1. Visually inspect all packaging components for integrity and verify adequate dry ice.
If any damage is observed, notify Ascent Technical Support immediately.
2. Prioritize transfer to liquid nitrogen vapor phase storage system (-130°C or below).
Secondary option: -80°C mechanical freezer (short-term storage only).
Always maintain temperature strictly below -65°C.

Disclaimer

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