

Immortalized Rat Pulmonary Microvascular Cell

Cat. No. ARI0197, 1×10^6 cells/vial

Description

The immortalized rat pulmonary microvascular cell is the cell line of microvascular cells derived from the lung. It is cultured in an adherent manner and exhibits an endothelial-like, spindle-shaped morphology.

Specification

Cell Type: Microvascular cell

Tissue/Organ: Lung

Derived from Site: N/A

Disease: N/A

Species: *Rattus norvegicus* (Rat)

Genetic Background: Sprague Dawley

Symbols: IRPMC

Age: N/A

Immortalization Method: N/A

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: Endothelial-like, spindle-shaped



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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