

Rat Uterine Microvascular Endothelial Cells

Cat. No. ARP0309, 5×10^5 cells/vial

Description

Research on the Rat Uterine Microvascular Endothelial Cells is essential to the study of female reproductive tract diseases such as endometriosis and menorrhagia. The uterus is a hollow organ located between the bladder and the rectum. A zygote is implanted in the lining of the uterus for further development. The Rat Uterine Microvascular Endothelial Cells are to be used with Rat Uterine Microvascular Endothelial Cell Medium (Cat. No. ACM0309). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Microvascular Endothelial Cells

Tissue/Organ: Uterus

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: von Willebrand Factor (vWF)

Symbols: RUMEC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Cobblestone-like, 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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