

Sheep Mammary Epithelial Cells

Cat. No. ARP0951, 5×10^5 cells/vial

Description

Research on the Sheep Mammary Epithelial Cells is essential to the study of mastitis and breast cancer. The breast is primarily composed of glands, adipose tissue, and connective tissue. It functions mainly in lactation and is closely associated with the endocrine system. The Sheep Mammary Epithelial Cells are to be used with Sheep Mammary Epithelial Cell Medium (Cat. No. ACM0951). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Epithelial Cells

Tissue/Organ: Breast

Disease: Normal

Species: Ovis aries (Sheep)

Genetic Background: N/A

Markers: Cytokeratin 18 (CK-18)

Symbols: SMEC

Shipping & Storage

Shipping condition: Frozen on dry ice.

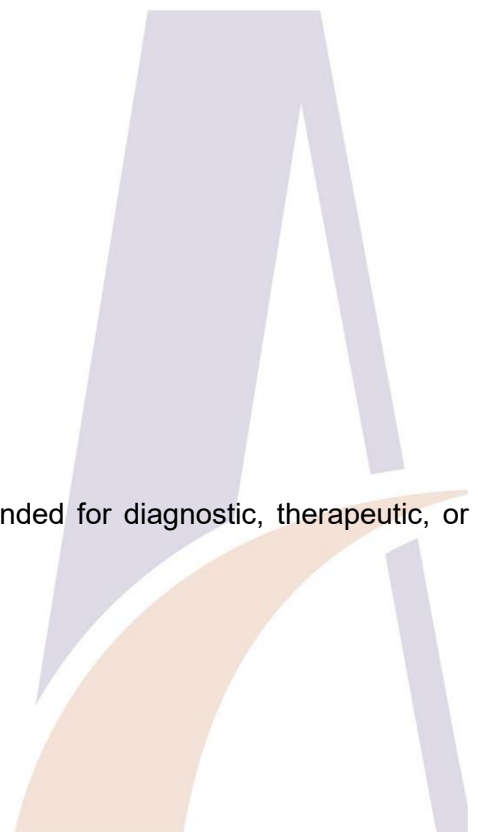
Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Epithelial-like, Polygonal



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

Ascent Research endeavors to provide accurate and up-to-date product information. However, no warranties or representations are made regarding its completeness or reliability. References to scientific literature and patents are for informational purposes only, and the customer assumes sole responsibility for verifying their accuracy.

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