

Mouse Gingival Epithelial Cells

Cat. No. ARP0645, 5×10^5 cells/vial

Description

Research on the Mouse Gingival Epithelial Cells is essential to the study of experimental periodontitis models, gingivitis studies, oral mucosal barrier dysfunction, dental plaque-induced inflammation, and periodontal pathogen invasion research. The gingiva, or gums, is the soft tissue surrounding the tooth. The Mouse Gingival Epithelial Cells are to be used with Mouse Gingival Epithelial Cell Medium (Cat. No. ACM0645). 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: Oral cavity (gingiva)

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: Cytokeratin

Symbols: MGEC

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

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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