

Rat Keratinocytes

Cat. No. ARP0322, 5×10^5 cells/vial

Description

Research on the Rat Keratinocytes is essential to the study of psoriasis models, burn wound healing, contact dermatitis, and cutaneous squamous cell carcinoma studies. The skin is the largest organ of the body, covering the entire external surface. It has three layers: epidermis, dermis, and hypodermis. The skin functions in protection, temperature regulation, sensory perception, immunology, and the production of vitamin D. The Rat Keratinocytes are to be used with Rat Keratinocyte Medium (Cat. No. ACM0322). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Keratinocytes

Tissue/Organ: Skin

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Cytokeratin

Symbols: RK

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

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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