

# Rat Lymphatic Fibroblasts

Cat. No. ARP0353,  $5 \times 10^5$  cells/vial

## Description

Research on the Rat Lymphatic Fibroblasts is essential to the study of regulating immune response and homeostasis of tissue fluids, lymphatic tissue fibrosis, chronic lymphedema progression, tumor stroma interactions in lymph nodes, and extracellular matrix remodeling in lymphatic diseases. Lymph nodes are bean-shaped organs of the lymphatic system, distributed throughout the body but clustered in the neck, armpits, and groin. They consist of a capsule, cortex, and medulla, and contain a large number of lymphocytes. Lymph nodes are important parts of the human immune system, with their primary functions being to filter lymphatic fluid, remove pathogens, and activate immune cells to fight infections. The Rat Lymphatic Fibroblasts are to be used with Rat Lymphatic Fibroblast Medium (Cat. No. ACM0353). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

## Specification

Cell Type: Fibroblasts

Tissue/Organ: Lymph node

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Fibronectin, Vimentin

Symbols: RLF

## Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN<sub>2</sub>) cryopreservation.



## Intended Use

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## Culturing Guidance

Morphology: Elongated fusiform, Irregular

Growth Mode: Adherent

Temperature: 37°C

Atmosphere: 5% CO<sub>2</sub>

## 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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