

# Mouse Renal Pericytes

Cat. No. ARP0504,  $5 \times 10^5$  cells/vial

## Description

Research on the Mouse Renal Pericytes is essential to the study of peritubular capillary rarefaction and early fibrotic responses in chronic kidney disease models. The kidneys are two bean-shaped organs responsible for the excretion and regulation of the body's fluids. Its primary functions are filtering blood, removing waste, and excess water to produce urine. Common disorders include nephritis, kidney stones, and kidney failure. The Mouse Renal Pericytes are to be used with Mouse Renal Pericyte Medium (Cat. No. ACM0504). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

## Specification

Cell Type: Pericytes

Tissue/Organ: Kidney

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: PDGFR- $\beta$ , NG2

Symbols: MRP

## Shipping & Storage

Shipping condition: Frozen on dry ice.

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

## Intended Use

This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

## 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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