

# Rabbit Aortic Arch Smooth Muscle Cells

Cat. No. ARP0694,  $5 \times 10^5$  cells/vial

## Description

Research on the Rabbit Aortic Arch Smooth Muscle Cells is essential to the study of hypertension-induced vascular remodeling, aortic arch calcification, baroreceptor dysfunction, and atherosclerosis susceptibility studies. The artery is the blood vessel that distributes oxygenated blood from the heart to the rest of the body. The Rabbit Aortic Arch Smooth Muscle Cells are to be used with Rabbit Aortic Arch Smooth Muscle Cell Medium (Cat. No. ACM0694). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

## Specification

Cell Type: Muscle Cells

Tissue/Organ: Artery

Disease: Normal

Species: *Oryctolagus cuniculus* (Rabbit)

Genetic Background: N/A

Markers:  $\alpha$ -Smooth Muscle Actin ( $\alpha$ -SMA)

Symbols: RaAASMC

## Shipping & Storage

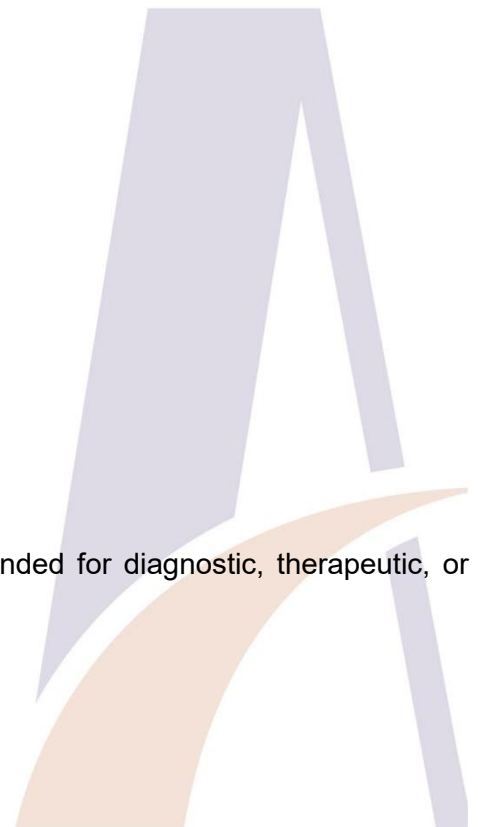
Shipping condition: Frozen on dry ice.

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 or 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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