

# Mouse Carotid Artery Fibroblasts

Cat. No. ARP0448,  $5 \times 10^5$  cells/vial

## Description

Research on the Mouse Carotid Artery Fibroblasts is essential to the study of adventitial fibrosis, perivascular inflammation, restenosis pathogenesis, and extracellular matrix remodeling in vascular injury. The carotid arteries are a pair of blood vessels, one on each side of the neck. They supply blood to the brain, face, and neck. The Mouse Carotid Artery Fibroblasts are to be used with Mouse Carotid Artery Fibroblast Medium (Cat. No. ACM0448). 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: Artery (carotid artery)

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: Vimentin

Symbols: MCAF

## 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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