

Rabbit Aortic Arch Endothelial Cells

Cat. No. ARP0693, 5×10^5 cells/vial

Description

Research on the Rabbit Aortic Arch Endothelial Cells is essential to the study of hemodynamic stress responses, turbulent flow-induced endothelial activation, aortic arch plaque formation, and developmental vascular patterning research. The artery is the blood vessel that distributes oxygenated blood from the heart to the rest of the body. The Rabbit Aortic Arch Endothelial Cells are to be used with Rabbit Aortic Arch Endothelial Cell Medium (Cat. No. ACM0693). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Endothelial Cells

Tissue/Organ: Artery

Disease: Normal

Species: *Oryctolagus cuniculus* (Rabbit)

Genetic Background: N/A

Markers: CD31, vWF

Symbols: RaAAEC

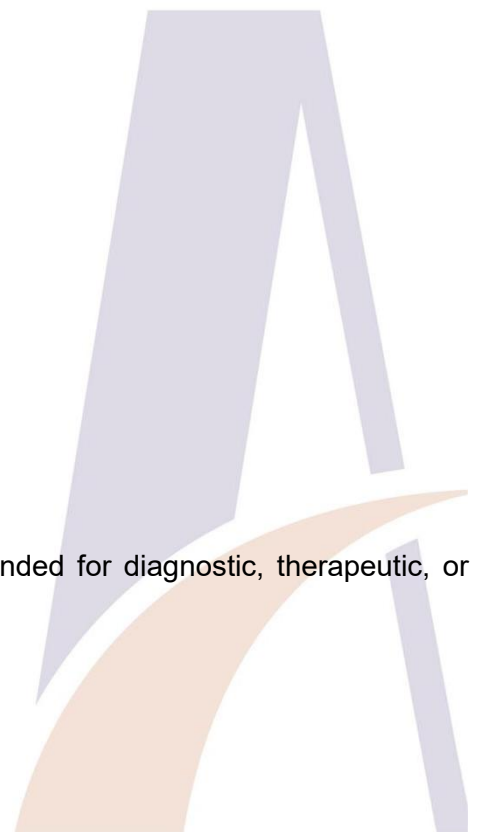
Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Epithelial-like, Polygonal

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

Ascent Research endeavors to provide accurate and up-to-date product information. However, no warranties or representations are made regarding its completeness or reliability. References to scientific literature and patents are for informational purposes only, and the customer assumes sole responsibility for verifying their accuracy.

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