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Mouse Jugular Vein Endothelial Cells

Cat. No. ARP0452, 5×10^5 cells/vial

Description

Research on the Mouse Jugular Vein Endothelial Cells is essential to the study of jugular vein thrombosis, central venous catheter-related complications, congestive heart failure-induced venous distension, and endothelial barrier dysfunction. Jugular veins are the major veins located in the neck, responsible for returning deoxygenated blood from the head, neck, and brain back to the heart. The jugular veins include the external jugular vein, the anterior jugular vein, and the internal jugular vein. Among these, the external jugular vein and the anterior jugular vein are superficial veins, while the internal jugular vein is deep. The Mouse Jugular Vein Endothelial Cells are to be used with Mouse Jugular Vein Endothelial Cell Medium (Cat. No. ACM0452). 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: Vein (jugular vein)

Disease: Normal

Species: Mus musculus (Mouse)

Genetic Background: N/A

Markers: CD31, vWF

Symbols: MJVEC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN_2) 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: Fusiform, Polygonal

Growth Mode: Adherent

Temperature: 37°C

Atmosphere: 5% CO_2

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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