

# Duck Cerebral Microvascular Endothelial Cells

Cat. No. ARP0974,  $5 \times 10^5$  cells/vial

## Description

Research on the Duck Cerebral Microvascular Endothelial Cells is essential to the study of stroke, Alzheimer's disease, multiple sclerosis, cerebral small vessel disease, and brain metastases. The cerebral arteries are the blood vessels that supply oxygenated blood to the cerebrum. It contains three pairs of cerebral arteries: anterior, middle, and posterior. Each of them supplies a different region of the cerebrum. The Duck Cerebral Microvascular Endothelial Cells are to be used with Duck Cerebral Microvascular Endothelial Cell Medium (Cat. No. ACM0974). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

## Specification

Cell Type: Microvascular Endothelial Cells

Tissue/Organ: Artery (cerebral artery)

Disease: N/A

Species: *Anas platyrhynchos* (Duck)

Genetic Background: N/A

Markers: von Willebrand Factor (vWF)

Symbols: DuCMEC

## 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: Cobblestone-like, 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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