

Rat Hepatic Oval Cells

Cat. No. ARP0241, 5×10^5 cells/vial

Description

Research on the Rat Hepatic Oval Cells is essential to the study of acute liver injury, primary liver cancer, liver regeneration, hepatic progenitor cell activation, and potential therapeutic applications in liver repair. The liver is the largest solid organ in the body, located in the upper right portion of the abdomen, beneath the diaphragm. It plays a crucial role in various functions, including blood filtration, detoxification, nutrient metabolism, and bile secretion, to help maintain bodily balance. Common liver diseases include hepatitis, fatty liver, and cirrhosis. The Rat Hepatic Oval Cells are to be used with Rat Hepatic Oval Cell Medium (Cat. No. ACM0241). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: N/A

Tissue/Organ: Liver

Disease: N/A

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: CD117/c-kit, AFP

Symbols: RHOC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: 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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