

# Mouse Hepatic Oval Cells

Cat. No. ARP0488,  $5 \times 10^5$  cells/vial

## Description

Research on the Mouse 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 Mouse Hepatic Oval Cells are to be used with Mouse Hepatic Oval Cell Medium (Cat. No. ACM0488). 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: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: CD117/c-kit, AFP

Symbols: MHOC

## Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN<sub>2</sub>) cryopreservation.

## Intended Use

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## Culturing Guidance

Morphology: Polygonal

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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