

# HBZY-1

Cat. No. ARI0048,  $1 \times 10^6$  cells/vial

## Description

HBZY-1 is a spontaneously immortalized cell line of mesangial cells, derived from the glomerulus.

## Specification

Cell Type: Mesangial cell

Tissue/Organ: Kidney (glomerulus)

Derived from Site: Glomerulus

Disease: N/A

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Marker: N/A

Sex of Donor: Unknown

Age: Unknown

Immortalization Method: Spontaneously

## 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: N/A



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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