

# Immortalized Human Osteoblast

Cat. No. ARI0149,  $1 \times 10^6$  cells/vial

## Description

The immortalized human osteoblast is the cell line of osteoblast derived from the human articular bone. It is cultured in adherent and exhibits an spindle-shaped, irregular morphology.

## Specification

Cell Type: Osteoblast

Tissue/Organ: Human articular bone

Derived from Site: N/A

Disease: Normal

Species: Homo sapiens (Human)

Genetic Background: N/A

Symbols: IHO

Age: N/A

Immortalization Method: Simian virus 40 (SV40)

## 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: Spindle-shaped, 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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