

# IB 230037

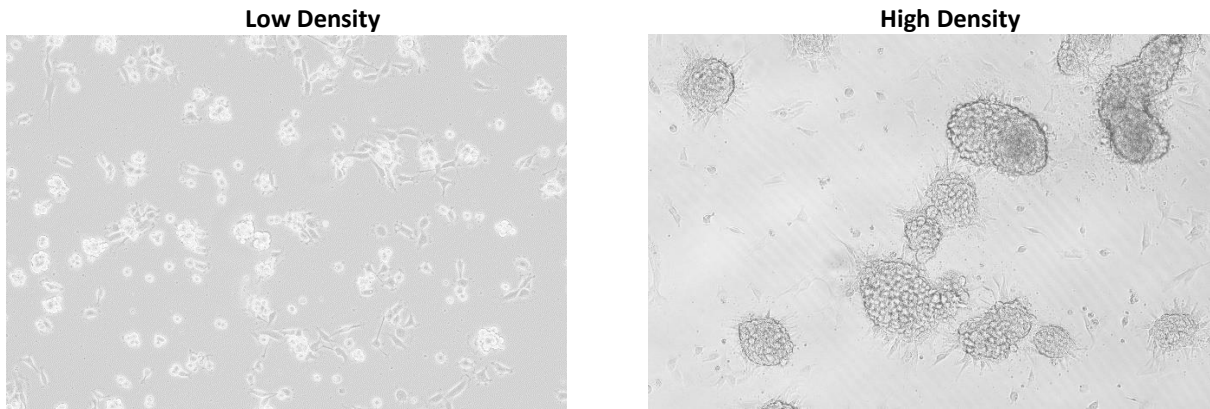
## Description

IB 230035 cells were isolated from the brain tissue of a patient with Glioblastoma Multiforme. These patient derived cells (PDC) can be used in cancer, immuno-oncology, and toxicology research.

<b>Organism:</b>	<i>Homo sapien</i> , human	<b>Disease Type:</b>	Glioblastoma Multiforme
<b>Patient Age:</b>	Unknown	<b>Cancer Cell Type:</b>	Glial Cells
<b>Patient Sex:</b>	Unknown	<b>Cell Morphology:</b>	Adherent (epithelial-like)
<b>Tissue of Origin:</b>	Brain	<b>Applications:</b>	2D cell culture

## Growth Characteristics and Images

<b>Optimal Seeding Density:</b>	8 x 10 <sup>6</sup> cells/cm <sup>2</sup>
<b>Doubling Rate:</b>	~ 28 hours
<b>Expected Viability:</b>	>95%
<b>Average Diameter:</b>	16.4 μm



**Figure 1:** Representative brightfield microscope images of IB 230037 taken at 10X magnification.

## SOC

Compound	IC50 (M)		
	IC50 (Day 3)	IC50 (Day 5)	IC50 (Day 7)
Carmustine	3.303E-05		
Temozolomide	1.044E-04		
Procarbazine-HCl	1.205E-05		
5-Fluorouracil			
Tamoxifen	9.846E-09		
Cisplatin	9.289E-06		
Letrozole			
Gemcitabine	>1.00E-03		
Paclitaxel	>1.00E-03		

## **Intended Use**

This product is intended for laboratory research use only. It is not intended for therapeutic use, consumption, or diagnostic testing in humans or animals.

---

## **Revision**

Version 1: Initial Preparation

This information on this document was last updated on 2023-12-21

---

## **Contact information**

Inaphaea Biolabs Ltd  
Medicity, D6 Thane Road,  
Nottingham,  
NG90 6BH.  
Contact number:  
Email: [info@inaphaea.com](mailto:info@inaphaea.com)

---