

IB 230036

Description

IB 230036 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.

Organism:	<i>Homo sapien</i> , human	Disease Type:	Glioblastoma Multiforme
Patient Age:	Unknown	Cancer Cell Type:	Glial Cells
Patient Sex:	Unknown	Cell Morphology:	Mixed - Adherent (epithelial-like), suspension and spheroid
Tissue of Origin:	Brain	Applications:	2D and 3D cell culture

Growth Characteristics and Images

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

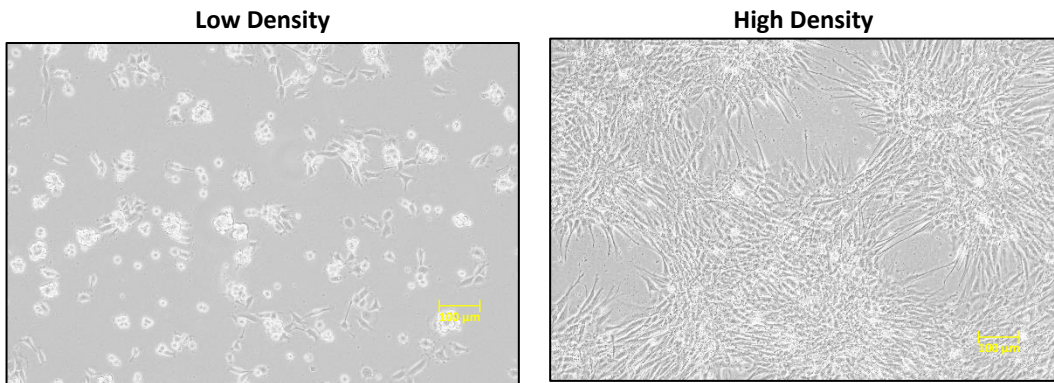


Figure 1: Representative brightfield microscope images of IB 230035 taken at 10X magnification.

SOC

Compound	IC50 (Day3)	IC50 (Day5)	IC50 (Day7)
Carmustine		4.448E-05	2.690E-05
Temozolomide		1.126E-04	1.585E-04
Procarbazine-HCl		3.419E-05	7.537E-05
5-Fluorouracil		1.110E-04	3.803E-05
Tamoxifen		3.786E-08	1.048E-08
Cisplatin		7.333E-06	6.189E-06
Letrozole		1.811E-03	6.757E-06
Gemcitabine		1.951E-08	1.000E-08
Paclitaxel			

Numbers in grey are indication only due to incomplete curves

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

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Contact information

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