RBIL001-2 Bile duct cancer organoid

Catalogue number: 160894
Sub-type: Organoids
Images:

Contributor

Inventor: Medical-Industrial Translational Research Center
Institute: Fukushima Medical University
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: RBIL001-2 Bile duct cancer organoid

Alternate name: RBIL001-2, RBIL1-2, RBIL1, RBIL001

Class:
Conjugate:
Description: A series of novel patient-derived organoids (PDOs) have been constructed from different tumor tissue types under the Fukushima Translational Research Project, designated as F-PDO. F-PDOs form large cell clusters with a morphology similar to the original tumor and can be cultured for more than six months. Our comparative histological and comprehensive gene expression analyses have shown that the characteristics of F-PDOs were similar to their source tumors, even after long-term growth in culture conditions
Purpose:
Parental cell:
Organism: Human
Tissue: Bile duct
Model:
Gender: Female
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties: Suspension
Production details:
Formulation:

Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application: 3D cell culture, High-throughput screening, Xenograft model
Application notes:

Handling

Format: Frozen
Concentration:
Passage number: 5
Growth medium: Cancer Cell Expansion Media plus (Fujifilm Wako Pure Chemical, Ltd.).
Temperature: 37° C
Atmosphere: 5% CO2
Volume: 1 ml
Storage medium: CELLBANKER 2
Storage buffer:
Storage conditions: Liquid Nitrogen
Shipping conditions: Dry ice

Related tools

Related tools:

References

References: