

Product sheet

IBRS-2 | 305212

IBRS-2

Description IBRS-2 is a cell line derived from a patient with a primary tumor of the colon. It is a highly tumorigenic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice. The cell line is characterized by its ability to form large, multicellular colonies in soft agar and its capacity to form xenografts in immunodeficient mice. The cell line is highly tumorigenic and is capable of forming xenografts in immunodeficient mice. The cell line is characterized by its ability to form large, multicellular colonies in soft agar and its capacity to form xenografts in immunodeficient mice.

Organism Human

Tissue Colon

Synonyms IB-RS2, IBRS2, HCT116-Rim Suino-2

Characteristics

Age 3 months

Gender Male

Morphology Epithelial

Growth properties Adherent

References

Citation IBRS-2 (ATCC CCL-222) Cytion 305212

Biosafety level 1

NCBI_TaxID 9823

CellosaurusAccession CVCL_4528

Media

Medium

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM sodium pyruvate (Cytion 820300a)

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Supplements 10% FBS

Dissociation Reagent

Subculturing 1. Wash cells with PBS. 2. Add 2 ml of dissociation reagent. 3. Incubate at 37°C for 5 minutes. 4. Add 10 ml of PBS. 5. Centrifuge at 300 x g for 5 minutes. 6. Resuspend cells in 1 ml of medium. 7. Seed cells into a 25 cm² flask. 8. Incubate at 37°C in 5% CO₂.

Fluid renewal 2-3 times per week

Freeze medium 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Add 10 ml of PBS.
 3. Centrifuge at 300 x g for 5 minutes.
 4. Resuspend cells in 1 ml of medium.
 5. Seed cells into a 25 cm² flask.
 6. Incubate at 37°C in 5% CO₂.
 7. Add 10 ml of medium.
 8. Incubate at 37°C in 5% CO₂.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure

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Shipping Conditions -78°C

Storage Conditions

150 196

HLA

Sterility