

1-7HB2 Cell Line

Catalogue number: 151445

Sub-type: Continuous

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: 1-7HB2 Cell Line

Alternate name:

Class:

Conjugate:

Description: The 1-7HB2 cell line is a clonal derivative of the human mammary luminal epithelial cell line MTSV1-7 identified by screening for branching morphology. It is a potent tool for in vitro study of branching morphogenesis of human mammary epithelial cells and the role of integrins in mammary morphogenesis. MTSV1-7 is a clonal non-tumourigenic cell line developed by immortalizing luminal epithelial cells cultured from milk using the SV40 T antigen. The cell line forms branching structures in the presence of fibroblast cultures or fibroblast-conditioned medium and forms spheroids in collagen type I gels.

Purpose:

Parental cell: MTSV1-7

Organism: Human

Tissue: Breast

Model: Immortalised Line

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties: Morphology, adhesion properties

Production details:

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

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

Format: Frozen
Concentration:
Passage number:
Growth medium: DMEM + 2mM Glutamine + 10% Foetal Bovine Serum (FBS) + Hydrocortisone (5 µg/ml) + Bovine Insulin (10 µg/ml).
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Dry ice

Related tools

Related tools: 1-7 CE1 Cell Line

References

References: Carroll et al. 1995. Cell. 83(6):957-68. PMID: 8521519. ; Suprabasal integrin expression in the epidermis of transgenic mice results in developmental defects and a phenotype resembling psoriasis.

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