BCH-RB34 Retinoblastoma cell line

Catalogue number: 160608
Sub-type: Primary
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: BCH-RB34 Retinoblastoma cell line

Alternate name:

Class:
Conjugate:
Description: Retinoblastoma is a rare type of eye cancer most commonly affecting children under the age of 5. One eye can be affected, which is called unilateral retinoblastoma. Bilateral retinoblastoma is when both eyes are affected. This can be very distressing and frightening for the child and their parents.Some children are born with a change mutation in the RB1 retinoblastoma gene inherited from one of their parents. Or this gene change happened during the very early stages of their development in the womb. About 4 out of 10 children diagnosed (about 40%) have this heritable type, which often affects both eyes. Retinoblastoma tends to develop in just one eye in children who do not have this heritable type.We don't know what causes the remaining 60% of retinoblastomas. But these non inherited types nearly always only affect one eye.https://www.cancerresearchuk.org/about-cancer/childrens-cancer/eye-cancer-retinoblastoma/about
Purpose:
Parental cell:
Organism: Human
Tissue: Lateral collateral ligament (LCL)
Model: BCOR mutation present
Gender: Male
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:

Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes: STR data available on request

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes: Tissue used: lateral collateral ligament (LCL) Patient Sex: Male BCOR mutation present STR data available on request

Handling

Format: Frozen
Concentration:
Passage number:
Growth medium: Culture conditions: DME/F12 + 15% fetal calf serum + glutamine + non-essential amino acids + beta-mercaptoethanol - dilute fresh stock of b-ME and add just before use (Carmel needs to check concentrations). Cell line is very slow growing and should only be split at high density (e.g. 2x 25cm flasks -> 3 flasks). Before splitting, shake flask gently to dislodge apoptotic cells from surface of clumps, allow clumps to settle, remove medium/cell debris and replace with fresh medium. Do not comp...
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions:

Dry ice

Related tools

Related tools:

References

References: