

BCH-N-DW Neuroblastoma cell line

Catalogue number: 160624

Sub-type: Primary

Images:

Contributor

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Institute: University of Birmingham

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: BCH-N-DW Neuroblastoma cell line

Alternate name:

Class:

Conjugate:

Description: Neuroblastoma is the most common extracranial solid malignancy in children. The disease possesses a broad range of clinical phenotypes with widely varying prognoses. Standard clinical and pathological assessments do not always differentiate reliably between tumor subtypes and, therefore, genetic markers are now playing an increasingly important role in treatment decisions.

Purpose:

Parental cell:

Organism: Human

Tissue: Abdomen

Model: MYCN gene amplification present in sample

Gender: Male

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties: Cell lines may contain both neuronal and stromal/substrate adherent (N & S) cell types - this is a recognized characteristic of many neuroblastoma cell lines

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes: Karyotype data available on request STR data available on request

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application: Neuroblastoma cells have been used for the following: - Investigation of metabolic profiles generated by in vitro H MRS - Characterisation of genetic pathways - Discovery of epigenetically deregulated genes during neuroblastoma tumorigenesis, using genome wide DNA methylation analysis - Functional investigation of MEGF10 knockdown

Application notes: Tissue Site: Abdomen Patient Sex: Male MYCN gene amplification present in sample Neuroblastoma cells have been used for the following: - Investigation of metabolic profiles generated by in vitro H MRS - Characterisation of genetic pathways - Discovery of epigenetically deregulated genes during neuroblastoma tumorigenesis, using genome wide DNA methylation analysis - Functional investigation of MEGF10 knockdown Karyotype data available on request STR data available on request

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium: Growth medium: DME/F12+15% fetal calf serum + glutamine + non-essential amino acids.

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools:

References

References: Peet et al. 2007. NMR Biomed. 20(7):692-700. PMID: 17506115. ; McConville et al. 2001. Cancer Genet Cytogenet. 130(2):133-40. PMID: 11675134.

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