# **BCH-N-NS** Neuroblastoma cell line

Catalogue number: 160630 Sub-type: Primary Images:

### Contributor

Inventor: Carmel McConville Institute: University of Birmingham Images:

## **Tool details**

#### **\*FOR RESEARCH USE ONLY**

Name: BCH-N-NS Neuroblastoma cell line

#### Alternate name:

#### Class:

#### Conjugate:

Cancer Tools.org **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: Adrenal Gland 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: Adrenal Gland 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 medium: Storage buffer: Storage conditions: Dry ice

### **Related tools**

**Related tools:** 

# References

References: Peet et al. 2007. NMR Biomed. 20(7):692-700. PMID: 17506115.

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