BCH-P-SS pNET cell line

Catalogue number: 160632
Sub-type: Primary
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: BCH-P-SS pNET cell line

Alternate name: Askin Tumour

Class:
Conjugate:
Description: Among small blue round cell tumors, primitive neuroectodermal tumors (PNETs) are a group of Ewing sarcoma family of tumors that are highly aggressive, poorly differentiated and form a group of tumors defined by their appearance that are thought to derive from postganglionic parasympathetic primordial cells located throughout the parasympathetic autonomic nervous system. Iran J Pediatr. 2014 Apr; 24(2): 221222.PMID: 25535544Neuroblastoma 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: Chest Wall
Model: Cancer Model
Gender: Female
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: Chest Wall Patient Sex: Female 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: