

NCCIT | 305080

Description	Human neuroblastoma cell line (NCCIT) derived from a 24-year-old male patient with a neuroblastoma tumor in 1985. The cell line is characterized by its ability to differentiate into various neural cell types, including neurons and glial cells. It is commonly used in research on neuroblastoma and neural differentiation.
Organism	Human
Tissue	Neuroblastoma tumor tissue
Disease	Neuroblastoma
Synonyms	NCC-IT
Age	24 years
Gender	Male
Ethnicity	Not specified
Morphology	Epithelial
Growth properties	Adherent
Citation	NCCIT (ATCC CCL-1451) (ATCC CCL-1451 305080)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1451

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Culture Medium RPMI 1640 2.0 \times 2.0 \times 2.0 \times 2.0 \times 2.0 \times 2.0 NaHCO₃ (820700a)

Supplements 10% FBS

Dissociation Reagent

Subculturing PBS

Fluid renewal 2-3

Freeze medium FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Wash cells in PBS.
 4. Resuspend cells in 70% FBS.
 5. Seed cells into a 15 cm² flask.
 6. Incubate cells for 8 days.
 7. Harvest cells.
 8. Store cells at -80°C.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78°C

