

Cell Line Data Sheet for COG-N-682

Cell Line Name: COG-N-682

Disease: Neuroblastoma
Phase of Therapy: Diagnosis
Treatment: ANBL00B1
Disease Stage: 4
Source of Culture: Left Bone Marrow
Primary Tumor Site:
Date Established: May 2018 (surgery April 2018)

MYCN Status:
TH expression:
p53 status:

Gender:
Age: days
Race: NA

Growth Conditions: Please see Protocols section at <https://www.cccells.org/protocols.php>
5% CO₂, 20% O₂, 37.0°C

Media Formulation: Please see Protocols section at <https://www.cccells.org/protocols.php>
Cells are grown in a base medium of Iscove's Modified Dulbecco's Medium plus the following supplements (to a final concentration):
20% Fetal Bovine Serum, 4mM L-Glutamine,
1X ITS (5 µg/mL insulin, 5 µg/mL transferrin, 5 ng/mL selenous acid)

Doubling Time: 20% O₂ – 69 hours 5% O₂ – 59 hours 2% O₂ – 86 hours

Morphology:
Growth Properties

STR Profile: May be obtained at <https://strdb.cccells.org/>

Notes: The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O₂ available from this same patient – COG-N-682h.
The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O₂ available from this same patient – COG-N-682h2.
The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-682x.
The Childhood Cancer Repository has matching hypoxic cell lines and PDX established from this same patient's right bone marrow – COG-N-683.

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References:



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Low confluency (10x magnification)

Low confluency (20x magnification)