

Cell Line Data Sheet for COG-N-685

Cell Line Name: COG-N-685

Disease: Neuroblastoma
Phase of Therapy: Progressive Disease
Treatment: ANBL00B1
Disease Stage: 4
Source of Culture: Post-Mortem Blood
Primary Tumor Site:
Date Established: June 2018 (surgery March 2018)

MYCN Status:
TH expression: Positive
p53 status:

Gender:
Age:
Race: NA

Growth Conditions: Please see Protocols section at <https://www.cccells.org/protocols.php>
5% CO₂, 20% O₂, 37.0°C; 5% CO₂, 5% O₂, 37.0°C; 5% CO₂, 2% 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 – hours 5% O₂ – 165 hours 2% O₂ – 126 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-685h.
The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O₂ available from this same patient – COG-N-685h2.
The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-685x.



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References:



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High confluency (10x magnification)

High confluency (20x magnification)