

Cell Line Data Sheet for COG-N-590

Disease: Neuroblastoma
Phase of Therapy: Diagnosis
Treatment: ANBL00B1 (20151013)
Disease Stage: 4
Gender: N/A
Age at diagnosis: 56 months
Race: N/A
Age at collection: N/A
Source of Culture: Tumor
Primary Tumor Site: Cortex of adrenal gland
Date Established: November 2015 (surgery October 2015)

MYCN Patient:
MYCN Cell line:
TH mRNA: Positive
p53 functionality: NA
Telomere Mechanism
ALK:

IC90 (DIMSCAN*):
*see reference 4

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 – 301 hours 5% O₂ – 187 hours 2% O₂ – 277 hours

Morphology: Adherent

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 and 2% O₂ available from this same patient – COG-N-590h; COG-N-590h2.
The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-590x.
The Childhood Cancer Repository has matching hypoxic cell lines established from this same patient's left and right bone marrow – COG-N-591; COG-N-592.

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References:

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