

Cell Line Data Sheet for COG-N-574

Cell Line Name: COG-N-574

Disease: Neuroblastoma
Phase of Therapy: Diagnosis
Treatment: ANBL00B1 (20150708)
Disease Stage: 4
Source of Culture: Right Bone Marrow
Primary Tumor Site: Suprarenal Gland
Date Established: August 2015 (surgery July 2015)

MYCN Status: Amplified
TH expression:
p53 status:

Gender: Male
Age: 844 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 – hours 5%O₂ – hours 2%O₂ – 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-574h.
The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O₂ available from this same patient – COG-N-574h2.
The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-574x.
The repository has a matching cell lines and PDX obtained from the same patient's left bone marrow – COG-N-573.

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References:



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Low confluency (10x magnification)

Low confluency (20x magnification)