Cell Line Data Sheet for COG-N-529

Disease:	Neuroblastoma
Phase of Therapy:	Post Mortem
Treatment:	ANBL00B1 (20110418)
Disease Stage:	4
Gender:	Male
Age at diagnosis:	40 Months; passed at 70 months
Race:	N/A
Age at sample collection:	N/A
Source of Culture:	Blood
Primary Tumor Site:	Adrenal gland
Date Established:	May 2014
MYCN Patient:	Non-Amplified
MYCN Cell line:	Non-Amplified
TH mRNA:	Positive
p53 functionality:	Functional
Telomere Mechanism	TERT+
ALK:	WT
RNAseq:	N/A
WES:	N/A
Methylation:	Available
IC90 (DIMSCAN*):	N/A

Growth Conditions: Please see Protocols section at https://www.cccells.org/protocols.php
5% CO_2, 20% O_2, 37.0°C; 5% CO_2, 5% O_2, 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% O_2-N/A   5% O_2-N/A   2% O_2-N/A

Growth Properties: Adherent

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-529h. The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O2 available from this same patient – COG-N-529h2.
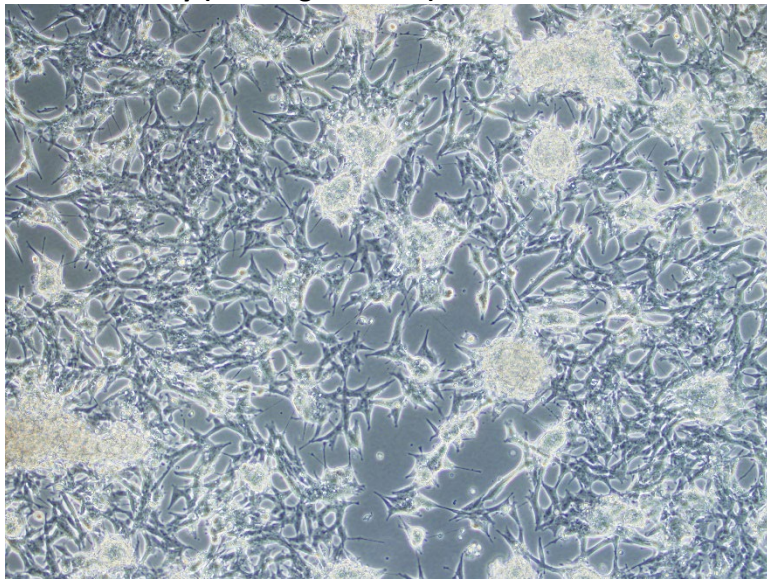
Childhood Cancer Repository
Powered by Alex's Lemonade Stand
COG resource Laboratory
www.cccells.org

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References:

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Low confluency (10x magnification)

Low confluency (20x magnification)

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