Cell Line Data Sheet for COG-N-440

Disease:	Neuroblastoma
Phase of Therapy:	Post-Chemotherapy (Progressive Disease), Post-mortem
Treatment:	ANBL0531 (20110509), ANBL00B1 (20110509), ANBL0532 (20110526)
Disease Stage:	4
Gender:	Female
Age at diagnosis:	11.2 months
Race:	NA
Age at sample collection:	18.4 months
Source of Culture:	Blood (post-mortem) December 2011
Primary Tumor Site:	Adrenal gland, NOS Suprarenal gland Adrenal, NOS
Date Established:	January 2011
MYCN Patient:	Amplified
MYCN Cell line:	Amplified
TH mRNA:	Expressed
p53 functionality:	NA
Telomere Mechanism:	TERT negative, C-circle negative
ALK:	Wild Type
RNAseq:	Available upon request
WES:	Available upon request
IC90 (DIMSCAN*):	NA
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%O2 – 95 hours 5%O2 – 136 hours 2%O2 – 147 hours
Growth Properties:	Heterogeneous culture of adherent cells and suspended cells
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-440h. The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O2 available from this same patient – COG-N-440h2. The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-440x.

All COG Repository cell lines are antibiotic-free, mycoplasma-free, and cryopreserved in 50% FBS / 7.5% DMSO. Each vial label contains the cell line name, passage number, total viable cell count (usually 5-10e6), the overall cell viability, and date frozen. All cell lines are validated with original patient sample by STR analysis

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Cell Line Name: **COG-N-440**

References:

1. J. L. Harenza, M. A. Diamond, R. N. Adams, M. M. Song, H. L. Davidson, L. S. Hart, M. H. Dent, P. Fortina, C. P. Reynolds, J. M. Maris, Transcriptomic profiling of 39 commonly-used neuroblastoma cell lines. Sci Data. 2017;4:170033. PMID: 28350380
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5369315/

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Cell Line Name: **COG-N-440**

Low Confluency (10x Magnification)

High Confluency (10x Magnification)

Low Confluency (20x Magnification)

High Confluency (20x Magnification)