

Cell Line Data Sheet for COG-N-515

Disease:	Neuroblastoma
Phase of Therapy:	Post-Chemotherapy (Progressive Disease)
Treatment:	ANBL00B1 (20110418), ANBL0032 (20111117), AEPI07N1 (20120422), ABTR04B1 (20140109)
Disease Stage:	4
Gender:	Male
Age at diagnosis:	25 months
Race:	N/A
Age at sample collection:	N/A
Source of Culture:	Bone marrow
Primary Tumor Site:	Adrenal gland
Date Established:	October 2013
MYCN Patient:	Amplified
MYCN Cell line:	N/A
TH mRNA:	Expressed
p53 functionality:	N/A
Telomere Mechanism	N/A
ALK:	N/A
RNAseq:	N/A
WES:	N/A
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% CO ₂ , 2% O ₂ , 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 and floating
STR Profile:	May be obtained at https://strdb.cccells.org/
Notes:	The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O ₂ available from this same patient – COG-N-515h. The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O ₂ available from this same patient – COG-N-515h2. The Childhood Cancer Repository has a matching cell line available from this same patient – COG-N-512. The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O ₂ available from this same patient – COG-N-512h. The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O ₂ available from this same patient – COG-N-512h2.

All 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.

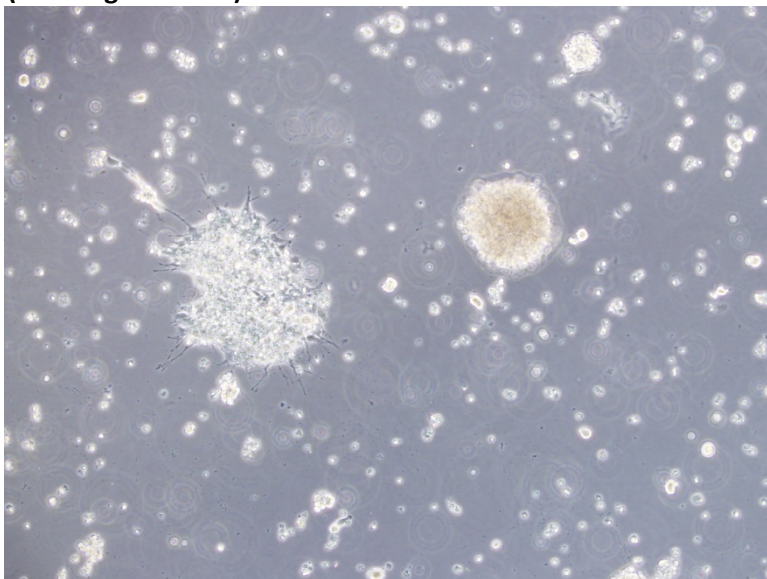


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References:

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(10x magnification)



(20x magnification)

