Cell Line Data Sheet for COG-N-573

Cell Line Name: **COG-N-573**

Disease:	Neuroblastoma
Phase of Therapy:	Diagnosis
Treatment:	ANBL00B1 (20150708)
Disease Stage:	4
Source of Culture:	Left Bone Marrow
Primary Tumor Site:	Suprarenal Gland
Date Established:	August 2015 (surgery July 2015)
MYCN Status:	Amplified
TH expression:	Positive
p53 status:	
Gender:	Male
Age:	844 days
Race:	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% 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% O2 – 239 hours 5% O2 – 92 hours 2% O2 – 257 hours
Morphology:	Large suspended spheres and single layer adherent
Growth Properties	In suspension, and 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-573h. The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O2 available from this same patient – COG-N-573h2. The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-573x. The Childhood Cancer Repository has matching hypoxic cell lines established from this same patient's right bone marrow – COG-N-574.

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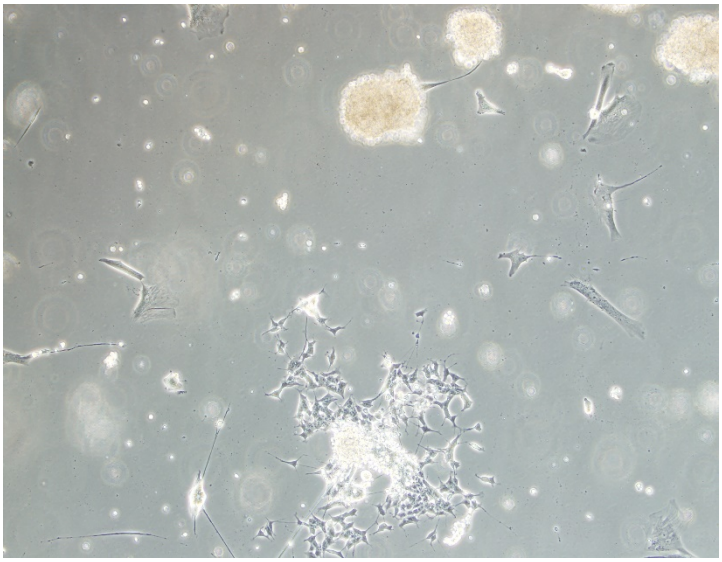
References:

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/

Cell Line Data Sheet for COG-N-571

Cell Line Name: **COG-N-573**

Low confluency (10x magnification)



Low confluency (20x magnification)