

## Cell Line Data Sheet for COG-N-512

**Disease:** Neuroblastoma  
**Phase of Therapy:** Post-Chemotherapy (Progressive Disease)  
**Treatment:** ANBL00B1 (20090406), ANBL0032 (20091112), AEPI07N1 (20110418), ADVL0911 (20130124)  
**Disease Stage:** 4  
**Gender:** Female  
**Age at diagnosis:** 37 months  
**Race:** N/A  
**Age at sample collection:** 81 months  
**Source of Culture:** Bone marrow  
**Primary Tumor Site:** Adrenal gland  
**Date Established:** September 2013

**MYCN Patient:** Amplified  
**MYCN Cell line:** N/A  
**TH mRNA:** Expressed  
**p53 status:** N/A  
**Telomere Mechanism:** N/A  
**ALK:** N/A  
**RNAseq:** N/A  
**WES:** N/A

**Growth Conditions:** Please see Protocols section at <https://www.cccells.org/protocols.php>  
 5% CO<sub>2</sub>, 20% O<sub>2</sub>, 37.0°C; 5% CO<sub>2</sub>, 5% O<sub>2</sub>, 37.0°C; 5% CO<sub>2</sub>, 2% O<sub>2</sub>, 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:** 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<sub>2</sub> available from this same patient – COG-N-512h. The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O<sub>2</sub> available from this same patient – COG-N-512h2. The Childhood Cancer Repository has a matching cell line available from this same patient – COG-N-515. The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O<sub>2</sub> available from this same patient – COG-N-515h. The Childhood Cancer Repository has a matching hypoxic cell line grown at 2% O<sub>2</sub> available from this same patient – COG-N-515h2.

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-512

References:

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(20x magnification)

