





## **Cell Line Data Sheet for SMS-KCNR**

Disease: Neuroblastoma

Phase of Therapy: Post-Chemotherapy (Progressive Disease)

**Treatment:** Doxorubicin, cyclophosphamide

Disease Stage: 4

Gender: Male

Age at diagnosis: 11 months

Race: N/A
Age at sample collection: N/A

Source of Culture: Bone Marrow
Primary Tumor Site: Adrenal gland
Date Established: November 1979

MYCN Patient: Amplified
MYCN Cell line: N/A
THmRNA: Positive
p53 functionality: Functional

**Telomere Mechanism** N/A **ALK:** F1174L

IC90 (DIMSCAN\*): CBDCA (μg/ml) CDDP (μg/ml) DOX (ng/ml) ETOP (ng/ml) L-PAM (μg/ml)

\*see reference 4 1.9 0.3 17 10.5 3.8

CBDCA, carboplatin; CDDP, cisplatin; DOX, doxorubicin; ETOP, etoposide; L-PAM, melphalan

Growth Conditions: Please see Protocols section at <a href="https://www.cccells.org/protocols.php">https://www.cccells.org/protocols.php</a>

5% CO<sub>2</sub>, 20% O<sub>2</sub>, 37.0°C

Media Formulation: Please see Protocols section at <a href="https://www.cccells.org/protocols.php">https://www.cccells.org/protocols.php</a>

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:** 72 hours

Growth Properties: Round, teardrop-shaded neuroblasts, adherent and suspended cells, grow mostly in clumps

STR Profile: May be obtained at <a href="https://strdb.cccells.org/">https://strdb.cccells.org/</a>

Notes:

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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## References:

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2/3







## **Cell Line Data Sheet for SMS-KCNR**

Cell Line Name: SMS-KCNR

Low confluency (10x magnification) High confluency (10x magnification)

Low confluency (20x magnification) High confluency (20x magnification)

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3/3



