Alex's Lemonade Stand
FOUNDATION FOR CHILDHOOD CANCER ™

CHILDREN'S ONCOLOGY GROUP

TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER™
School of Medicine
Cancer Center

Cell Line Data Sheet for NB-EBc1

Disease:	Neuroblastoma
Phase of Therapy:	Post-Chemotherapy (Progressive Disease)
Treatment:	
Disease Stage:	4
Gender:	N/A
Age at diagnosis:	<36 months
Race:	N/A
Age at sample collection:	N/A
Source of Culture:	Bone Marrow
Primary Tumor Site:	N/A
Date Established:	N/A
MYCN Patient:	Non-Amplified
MYCN Cell line:	N/A
TH mRNA:	Positive
p53 functionality:	N/A
Telomere Mechanism	N/A
ALK:	WT

IC90 (DIMSCAN*):
*see reference 4

CBDCA (µg/ml)	CDDP (µg/ml)	DOX (ng/ml)	ETOP (ng/ml)	L-PAM (µg/ml)
N/A	N/A	N/A	N/A	N/A

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

Growth Conditions: Please see Protocols section at https://www.cccells.org/protocols.php
5% CO_2, 20% 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: N/A hours
Growth Properties: Teardrop-shaped cells with processes and small, round cells, mostly adherent, grow clumps

STR Profile: May be obtained at https://strdb.cccells.org/

Notes:

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www.cccells.org

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References:

1. Kang MH, Smith MA, Morton CL, Keshlava N, Houghton PJ, Reynolds CP. National Cancer Institute Pediatric Preclinical Testing Program: Model Description for In Vitro Cytotoxicity Testing. Pediatr Blood Cancer. 56: 239-249, 2011. PubMed ID: 20922763 (www.PPTPinvitro.org)
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3005554/

2. 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 Data Sheet for NB-EBc1

Cell Line Name: NB-EBc1

Low confluency (10x magnification)

High confluency (10x magnification)

Low confluency (20x magnification)

High confluency (20x magnification)

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