

Product sheet

NB-4 | 300299

Product Information

Description	NB-4 is a cell line derived from a patient with Acute Promyelocytic Leukemia (APL). It is characterized by the presence of the PML-RARα fusion gene. NB-4 cells are highly sensitive to retinoic acid (RA) and arsenic trioxide (ATO). NB-4 cells are used for studying the differentiation of promyelocytic leukemia and the effects of RA and ATO. NB-4 cells are also used for studying the effects of various drugs on cell growth and differentiation.
Organism	Human
Tissue	Leukemia
Disease	Acute Promyelocytic Leukemia (APL)
Synonyms	NB4, NB.4, NB.4

Cell Characteristics

Age	23 years
Gender	Male
Ethnicity	Chinese
Morphology	Granulocytic leukemia cells
Cell type	Leukemia cells
Growth properties	Adherent

References and Safety

Citation	NB-4 (ATCC CCL-220) (300299)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0005

