



Acute Promyelocytic Leukemia

Xenograft Tumor Model

MODEL	NOMENCLATURE	HAIR	T CELLS	B CELLS	NK CELLS
Athymic Nude Mouse	Hsd:Athymic Nude- <i>Foxn1^{nu}</i>	No	Nonfunctional	Functional	Functional

MODEL

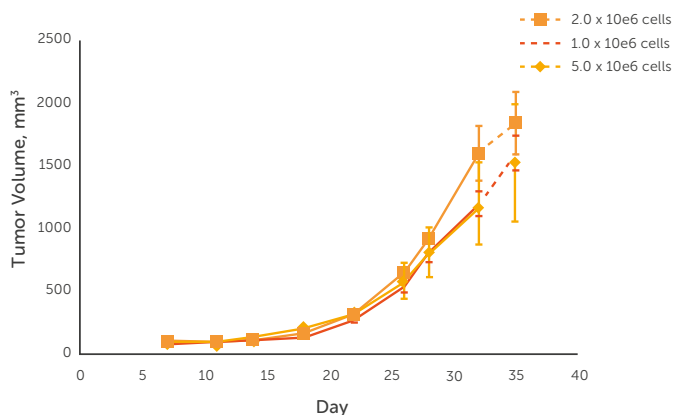
The athymic nude mouse has an autosomal recessive mutation on *nu* locus on chromosome 11. The hairless model is T-cell deficient and accepts xenograft transplantation.

CELL LINE

Human HL-60 cells sourced from ATCC® (Number: CCL-240™) were implanted into a cohort of athymic nude mice. Female mice at approximately 8 weeks of age were implanted with 2.0e6, 1.0e6, or 5.0e6 cells with GFR Matrigel (1:1 dilution) into the subcutaneous space of the right flank.

TUMOR GROWTH *IN VIVO*

The mice were maintained in a barrier under controlled environmental conditions. The mice consumed Teklad Global Rodent Diet 2914 (14% protein). Body weights were taken and tumor measurements were assessed with a caliper twice per week.



Data shown as mean values; N=10
Tumor growth study services conducted by Labcorp Drug Development