Oncology

Cell Line: SJSA-1

Glioblastoma Xenograft Tumor Model

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 SJSA-1 cells sourced from ATCC® (Number: CRL-2098™) were implanted into a cohort of athymic nude mice. Female mice at approximately 8 weeks of age were implanted with 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.

Tumor Growth Rate for SJSA-1 Cells Inoculated into Female Athymic Nude Mice

Data shown as mean values; N=10
Tumor growth study services conducted by Covance, Inc.