

Syngeneic Models

Syngeneic models involve implantation of available mouse tumor cell lines into immunocompetent mice of the same genetic background to conduct in vivo efficacy evaluation of potential cancer immunotherapy.

Case: Validation of EMT6 tumorigenic capacity in BALB/c mice

EMT6 is a murine mammary carcinoma cell line derived from a transplanted hyperplastic alveolar nodule of a BALB/c mouse.

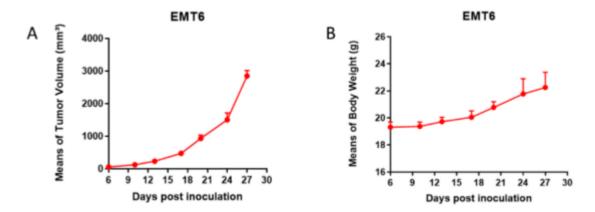


Fig1. Analysis of Tumorigenesis in Balb/c mice(n=4). a Tumor volume was measured by time. EMT6 cells were inoculated in the fat pads of Balb/c mice. b Body weight was simultaneously checked.

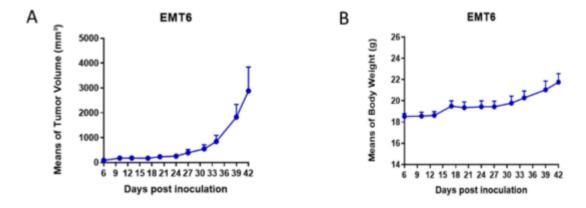


Fig2. Analysis of Tumorigenesis in Balb/c mice (n=5). a Tumor volume was measured by time. EMT6 cells were subcutaneously inoculated in Balb/c mice. b Body weight was simultaneously checked.

Resource Link:



	Available s	yngeneic	cell lines
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Available inbred strains

<u>Available Humanized Drug Target mouse strains</u>