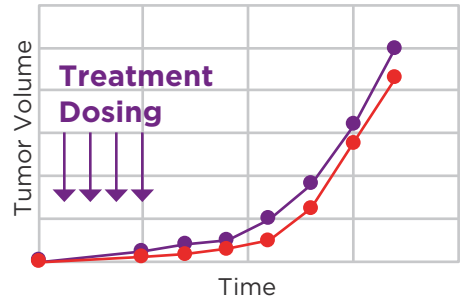
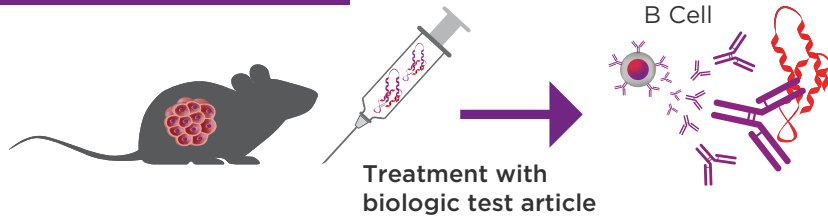


# THE JH MOUSE PERMITS CLINICALLY-RELEVANT DOSING OF IMMUNOGENIC TEST ARTICLES IN SYNGENEIC TUMOR MODEL SYSTEMS

## Standard Inbred Strain

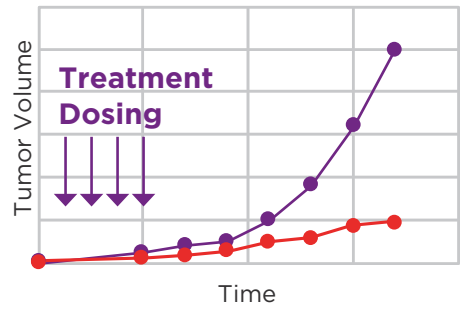


**CANNOT**  
determine efficacy of test article due to host immunogenic response

**BALB/c mouse**  
implanted with syngeneic tumor cell line derived from BALB/c or  
**C57BL/6 mouse**  
implanted with syngeneic tumor cell line derived from C57BL/6

Standard inbred host develops humoral immune response (anti-drug antibodies) against test article, which can neutralize the therapy or even cause anaphylaxis

## Jh Mouse



**CAN**  
determine efficacy of test article

**Jh Mouse implanted with syngeneic tumor cell line derived from BALB/c or C57BL/6**  
**Taconic offers two Jh Mouse models:**  
▶ Jh Mouse on BALB/c background (model #1147)  
▶ Jh Mouse on C57BL/6 background (model #17758)

The Jh Mouse lacks B cells, so no anti-drug antibodies are produced. It retains other immune cell types such as T cells, so immunotherapies can be successfully evaluated using clinically-relevant dosing.

The Jh Mouse may be crossbred to other GEM strains such as genetically humanized PD-1 mice to further extend the utility of this system. Inquire for details on crossbreeding rights.