

# MC38-hTGFβ

## Strain Information

|                   |                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. NO.          | NM-S13-TM63                                                                                                                                                                                                                  |
| Cell Line         | MC38- <i>Igs2</i> <sup>em1(hTGFβ)/Smoc</sup>                                                                                                                                                                                 |
| Strain State      | Validation of tumorigenic capacity completed                                                                                                                                                                                 |
| Model Description | A TGFβ expression cassette was knocked into the H11 locus.<br>*Literature published using this strain should indicate: MC38-hTGFβ cell line (Cat. NO. NM-S13-TM63) was purchased from Shanghai Model Organisms Center, Inc.. |

## Validation Data

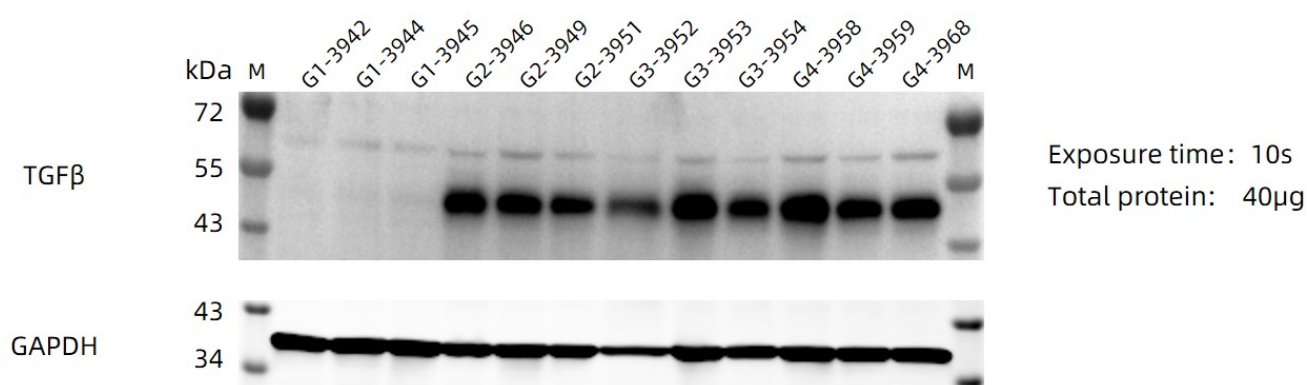


Figure 1. Western blot analysis of human TGFβ protein.

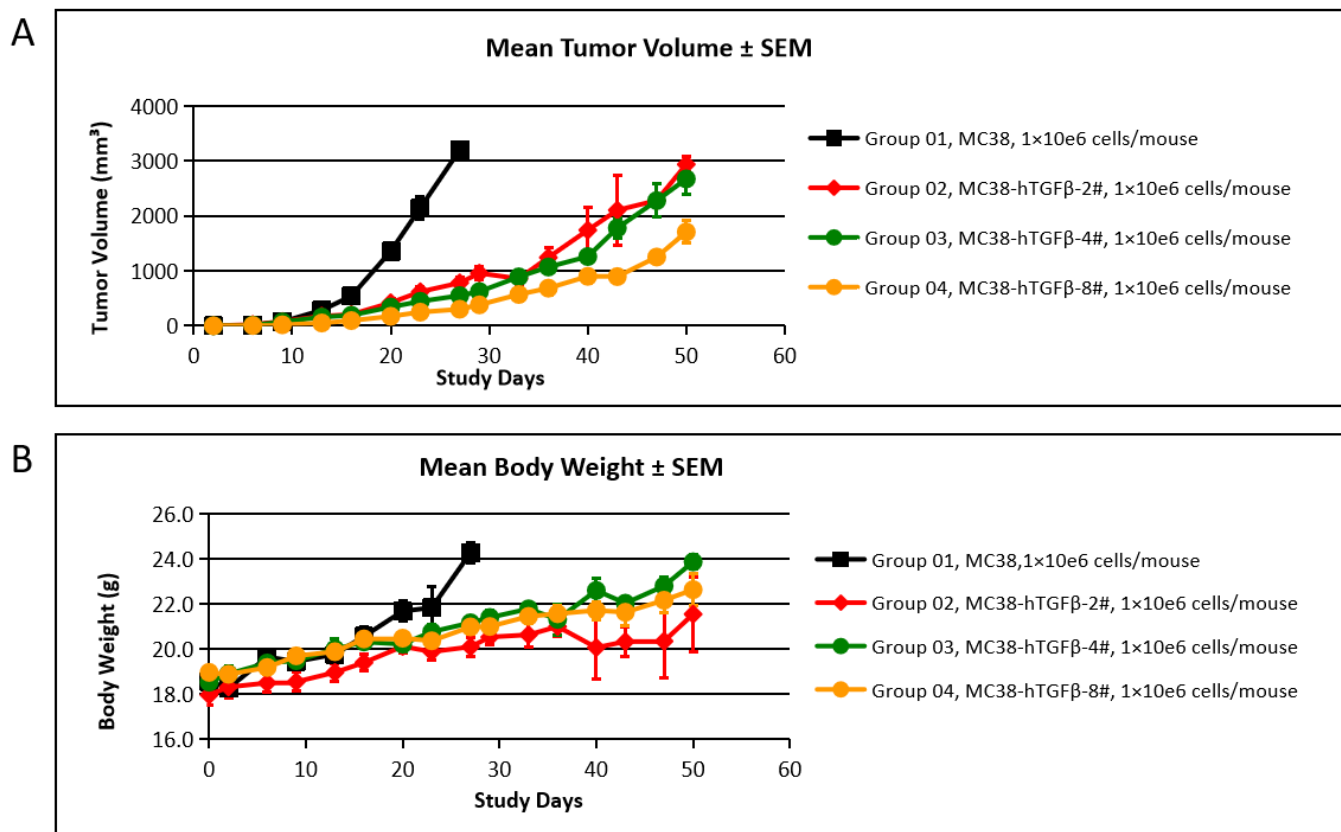


Figure 2. **Tumor growth curve(A) and body weight change(B).**

MC38-hTGFβ cells and wild-type MC38 cells were implanted into C57BL/6 mice. As shown in panel A, MC38-hTGFβ cells were able to establish tumors in vivo and can be used for efficacy studies.