

MC38-hCD47

Strain Information

Cat. NO. NM-S13-TM05

Cell Line MC38-*Cd47*^{em1(hCD47)/Smoc}

Strain State Validation of pharmacodynamic assays completed

Model The endogenous mouse Cd47 gene was replaced by human CD47 gene.

Description *Literature published using this strain should indicate: MC38-hCD47 cell line (Cat.

NO. NM-S13-TM05) was purchased from Shanghai Model Organisms Center, Inc..

Validation Data

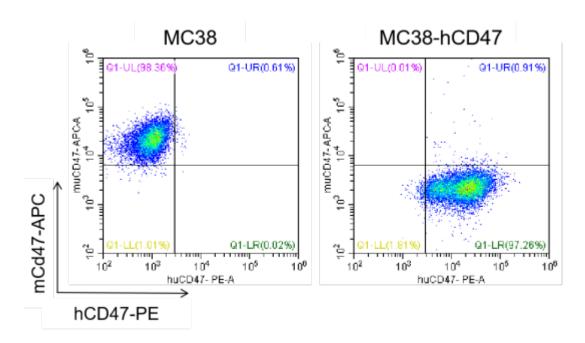


Figure 1. hCD47 expression in wild-type MC38 and MC38-hCD47 cell lines.



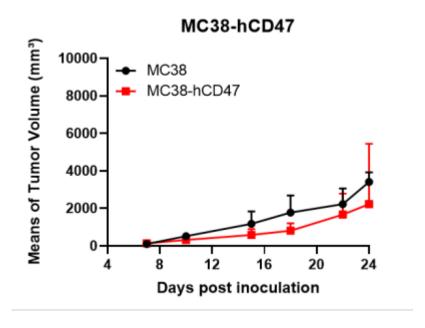


Figure 2. Tumor growth curve of MC38-hCD47 syngeneic model (n=5).

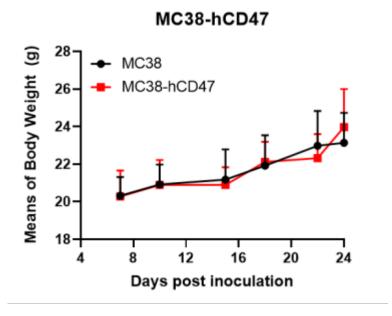


Figure 3. Body weight change of MC38-hCD47 syngeneic model (n=5).



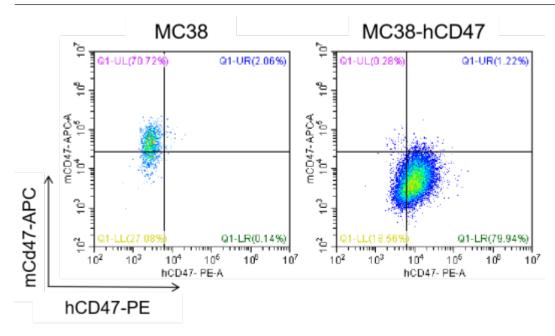


Figure 4. The expression of hCD47 in humanized modified tumors by FACS.

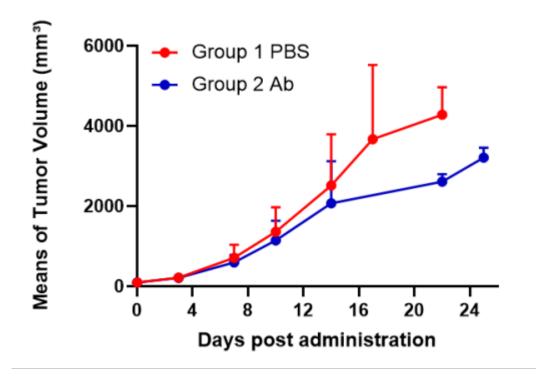


Figure 5. Antitumor activity of antibody (n=8).