

## MC38-hPD-L1(2)

## **Strain Information**

Cat. NO. NM-S13-TM86

Cell Line MC38-*Cd274*<sup>tm(hPD-L1)Smoc</sup>

Strain State Validation of tumorigenic capacity completed

Model This cell line carry humanized CD274.

Description \*Literature published using this strain should indicate: MC38-hPD-L1(2) cell line

(Cat. NO. NM-S13-TM86) was purchased from Shanghai Model Organisms

Center, Inc..

## **Validation Data**

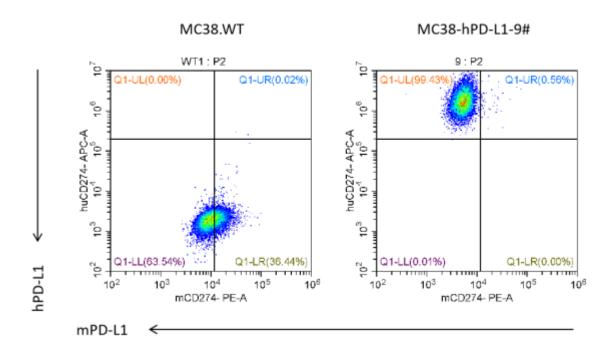


Figure 1. Expression of human PD-L1 on MC38-hPD-L1 cells was confirmed by flow cytometry.

MC38-hPD-L1 cells and wild type MC38 cells were stained with species-specific anti-PD-L1 antibodies. FACS analysis shows that human PD-L1 but not mouse PD-L1 was exclusively detectable on MC38-hPD-L1 cells.



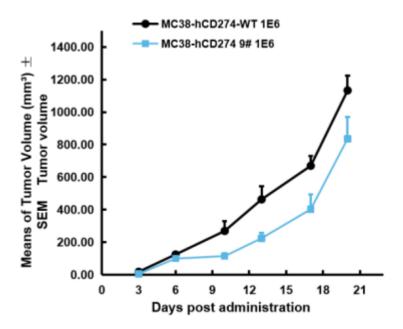


Figure 2. In vivo tumor growth curves in humanized MC38-hPD-L1 syngeneic model.

BALB/c mice were subcutaneously injected  $1\times10^6$  MC38-hPD-L1 cells compared with wild type MC38 cells as control. Tumor growth was monitored by measuring tumor size from day 3 after subcutaneous implantation.

Data shows that there were no significant differences between MC38-hPD-L1 cells and wild type MC38 cells in either tumorigenicity or tumor growth.