

MC38-hROR1

Strain Information

Cat. NO.	NM-S13-TM58
Cell Line	MC38- <i>Ig52</i> ^{em1(hROR1)Smoc}
Strain State	Validation of target gene expression completed
Model	A ROR1 expression cassette was knocked into the H11 locus.
Description	*Literature published using this strain should indicate: MC38-hROR1 cell line (Cat. NO. NM-S13-TM58) was purchased from Shanghai Model Organisms Center, Inc..

Validation Data

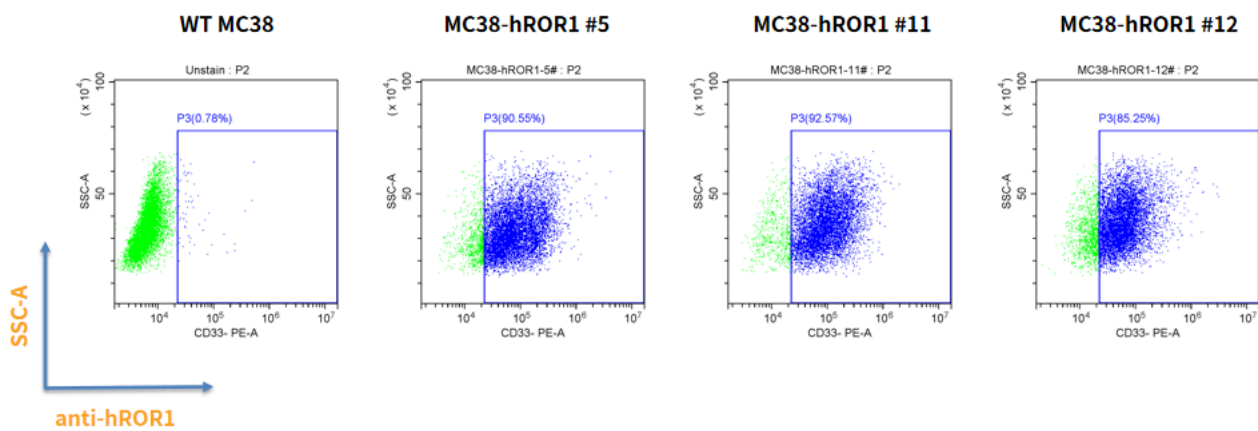


Fig.1 hROR1 expression on in vitro cultured cells of MC38-hROR1

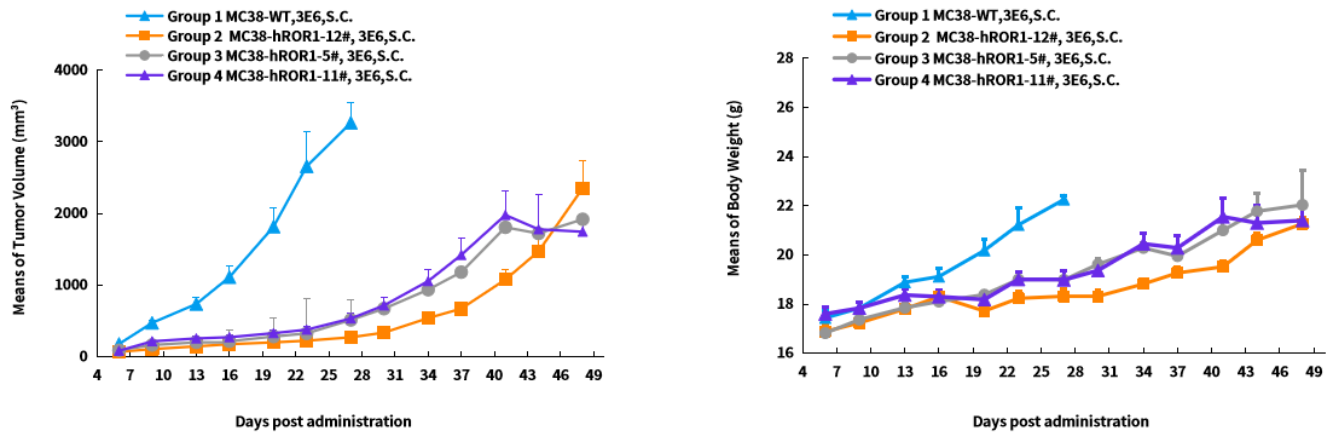


Fig.2 In vivo validation of MC38-hROR1 in C57BL/6 mice. C57BL/6 mice were inoculated with MC38-hROR1 subcutaneously at 3×10^6 cells/mouse inoculum for tumor development. The day of vaccination for mice is defined as Day 0, and tumor measurement and weight measurement begin on the 6th day after vaccination, twice a week.

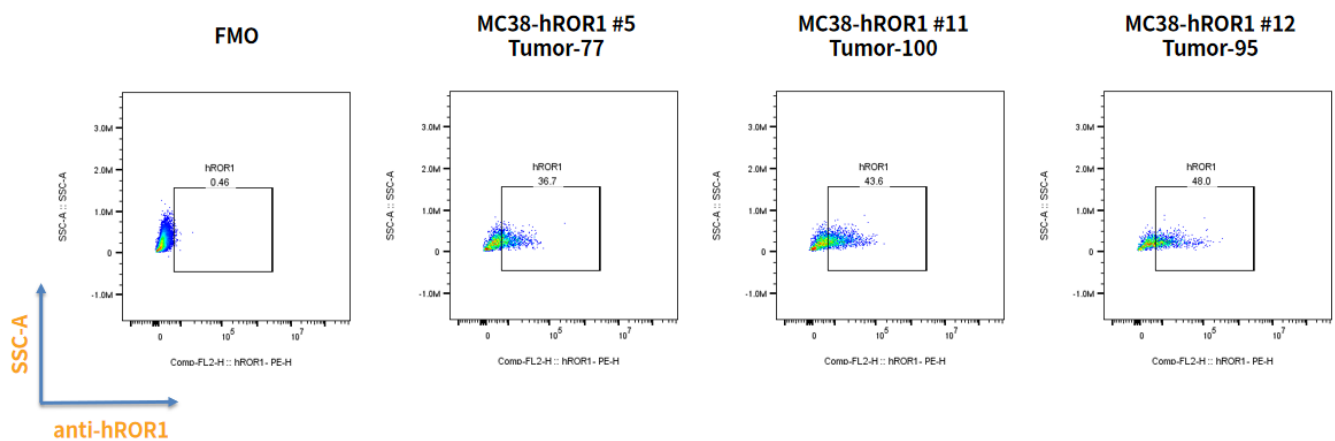


Fig.3 hROR1 expression in tumors after in vivo growth of MC38-hROR1 in wild type C57BL/6 mice. The tumors were collected at day 48 post tumor cell inoculation. When the MTV reaches 1000-1500mm³, take 2 tubes from each group and send them to FACS for testing (Markers: L/D, mCD45, hROR1).