

Foxp3-IRES-DTRGFP

品系全名	C57BL/6Smoc- <i>Foxp3</i> ^{em3(IRES-DTREGFP)Smoc}
目录号	NM-KI-190046
品系状态	活体

基因信息

基因名 Foxp3	基因曾用名	JM2 scurfin
	NCBI ID	20371
	MGI ID	1891436
	Ensembl ID	ENSMUSG00000039521
	基因标记细胞类型举例	肠调节性 T (Treg) 细胞、肝脏调节性 T (Treg) 细胞、T细胞、调节性 T (Treg) 细胞、辅助T细胞
	人类同源基因	FOXP3

品系描述

将IRES-DTREGFP共表达结构插入到小鼠Foxp3基因终止密码子处。

应用领域：DTR工具鼠

*使用本品系发表的文献需注明: Foxp3-IRES-DTRGFP mice (Cat. NO. NM-KI-190046) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

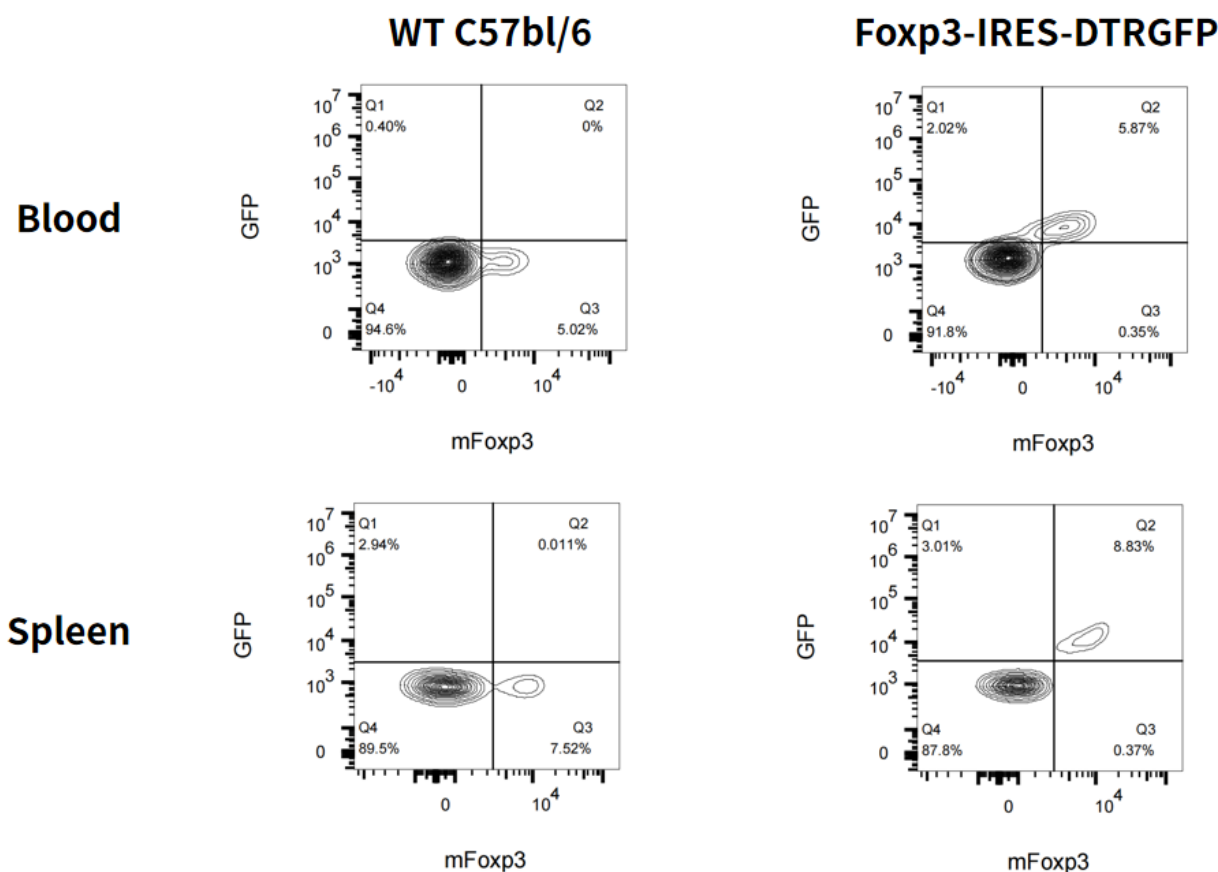


Fig1. Expression of GFP on Tregs in Blood and Spleen in Foxp3-IRES-DTRGFP KI mice.

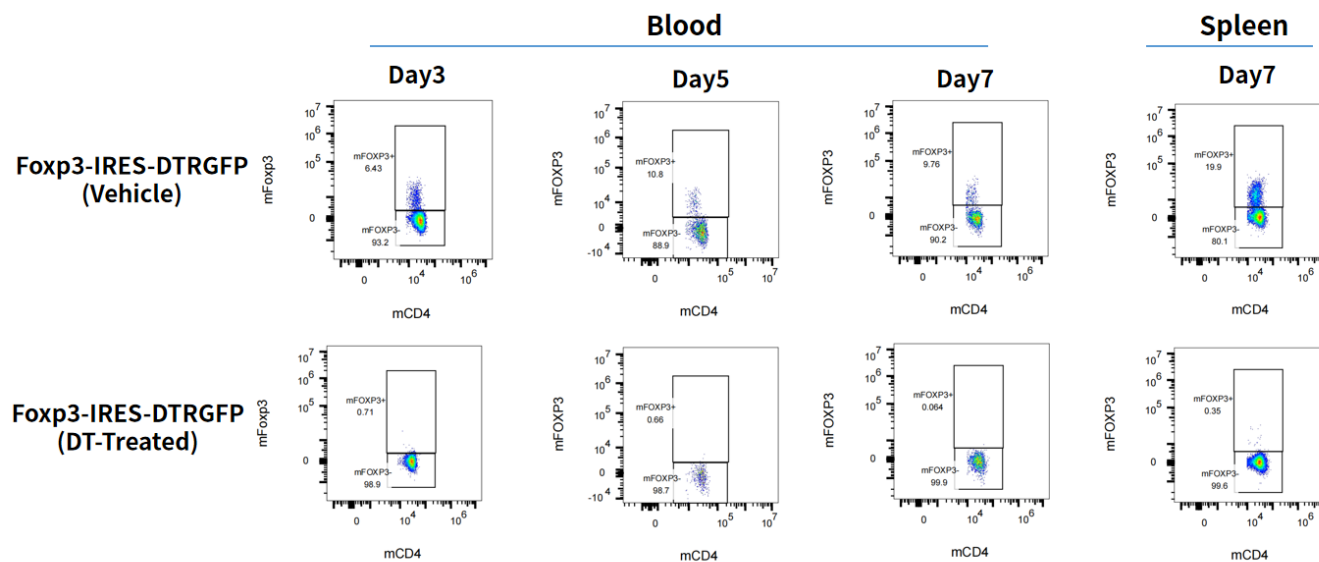


Fig2. Percentages of Tregs in the peripheral blood and spleen of Foxp3-IRES-DTRGFP KI mice treated with diphtheria toxin (DT).

Peripheral blood FACS analysis

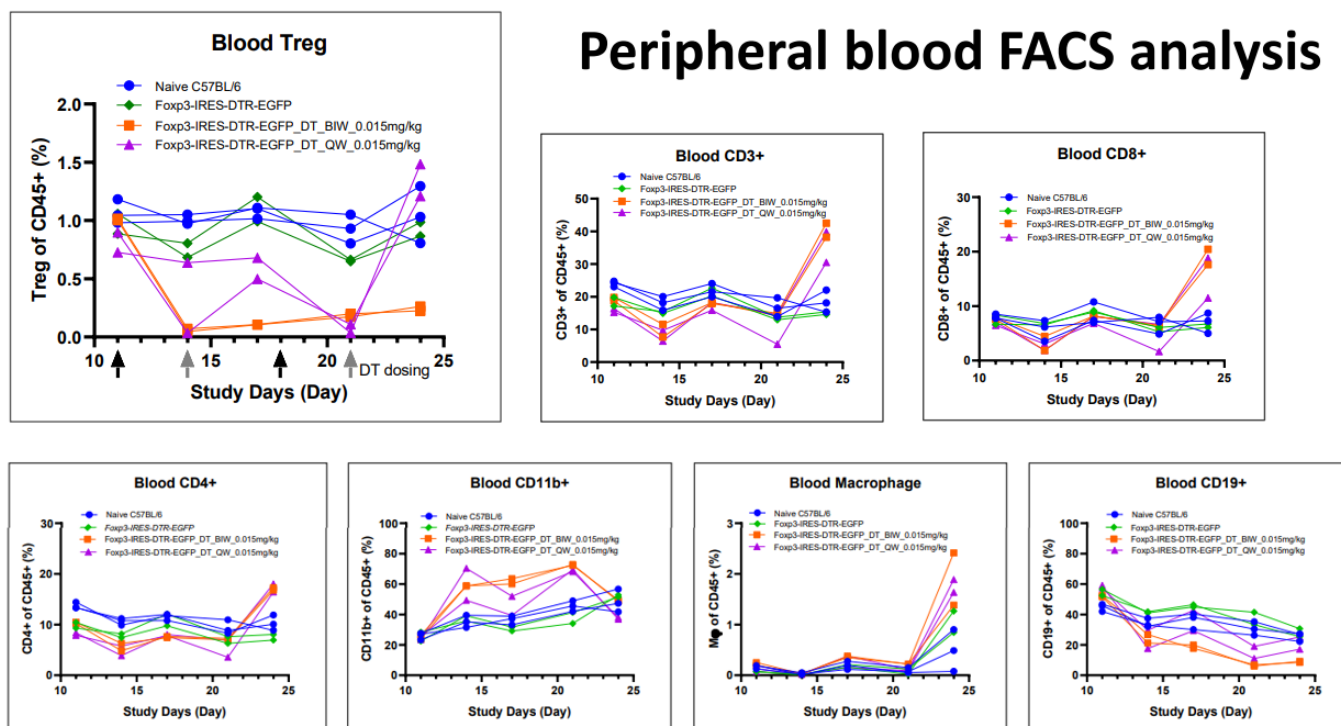


Fig3. The percent of Treg+ and other immune cells in peripheral blood of MC38 tumor-bearing Foxp3-IRES-DTRGFP mice is detected by FACS. (In collaboration with CrownBio)

Spleen & Tumor FACS analysis

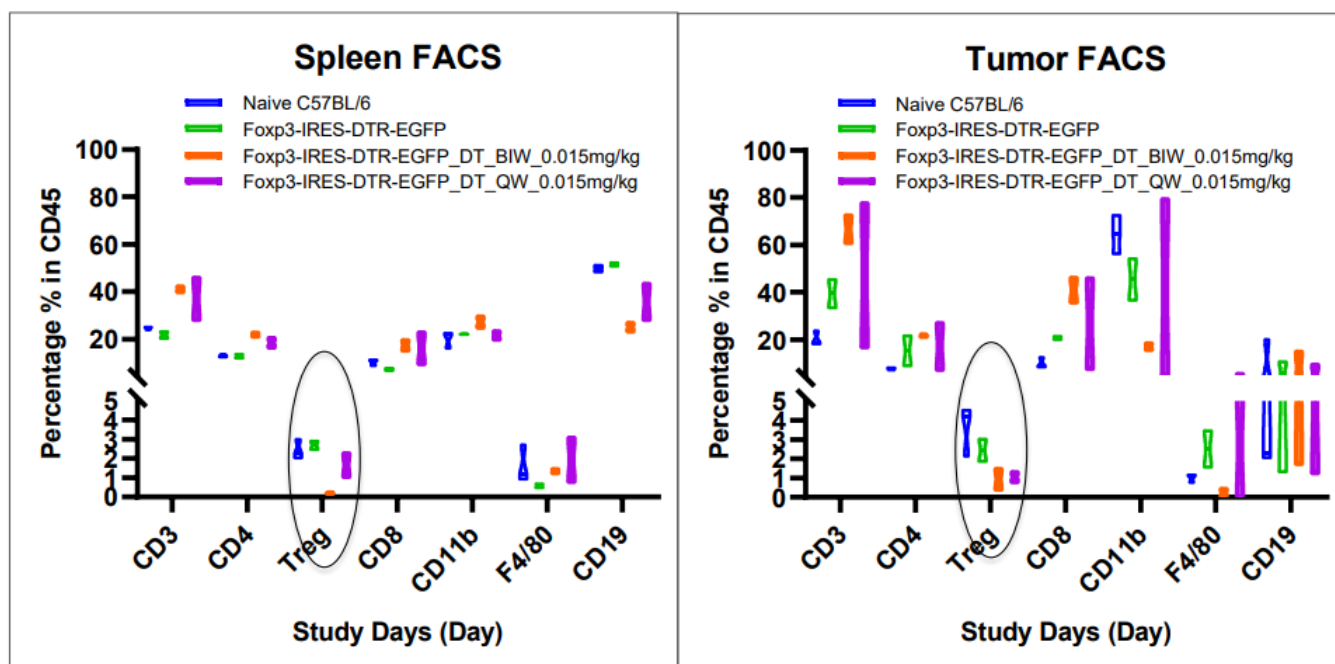


Fig4. The percent of Treg+ and other immune cells in spleen and tumor of MC38 tumor-bearing Foxp3-IRES-DTRGFP mice is detected by FACS. (In collaboration with CrownBio)

MC38 Tumor Growth Curve

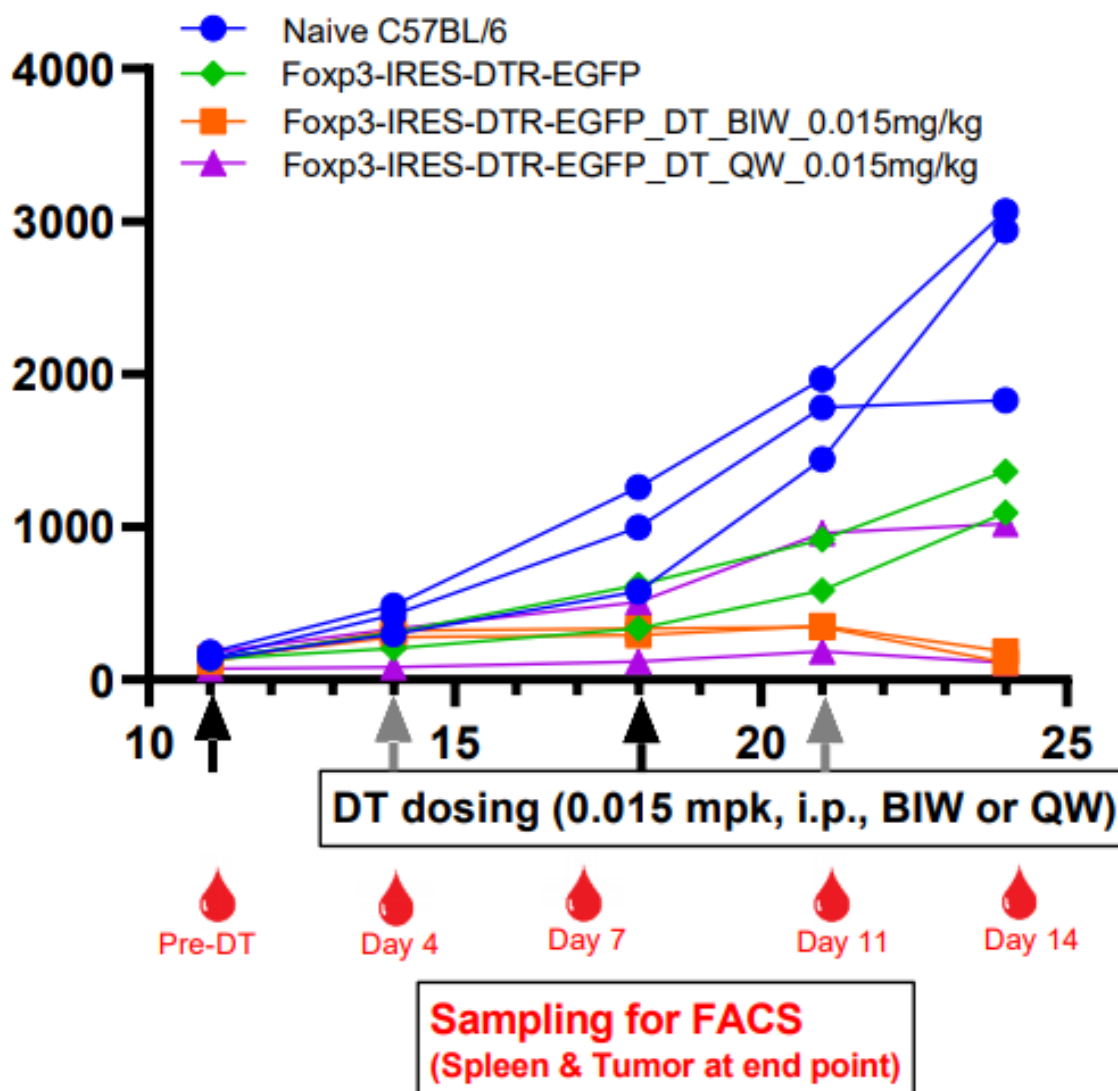


Fig5. The growth of MC38 tumors in Fxp3-IRES-DTRGFP mice and C57BL/6 mice. (In collaboration with CrownBio)