

Foxp3-IRES-DTR-2A-tdTomato(BALB/c)

品系全名	BALB/cAnSmoc- <i>Foxp3</i> ^{em9} (IRES-DTR-2A-tdTomato)Smoc
目录号	NM-KI-200213
品系状态	胚胎冻存

基因信息

基因名 Foxp3	基因曾用名	sf; JM2; scurfin
	NCBI ID	20371
	MGI ID	1891436
	Ensembl ID	ENSMUSG00000039521
	人类同源基因	FOXP3

品系描述

将IRES-DTR-2A-tdTomato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；调节性T细胞

*使用本品系发表的文献需注明: Foxp3-IRES-DTR-2A-tdTomato(BALB/c) mice (Cat. NO. NM-KI-200213) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

CT 26 tumor cells were injected into FOXP3-DTR mice administered with different treatment, and Balb/c mice, respectively. And tumor growth curves of each group were recorded.

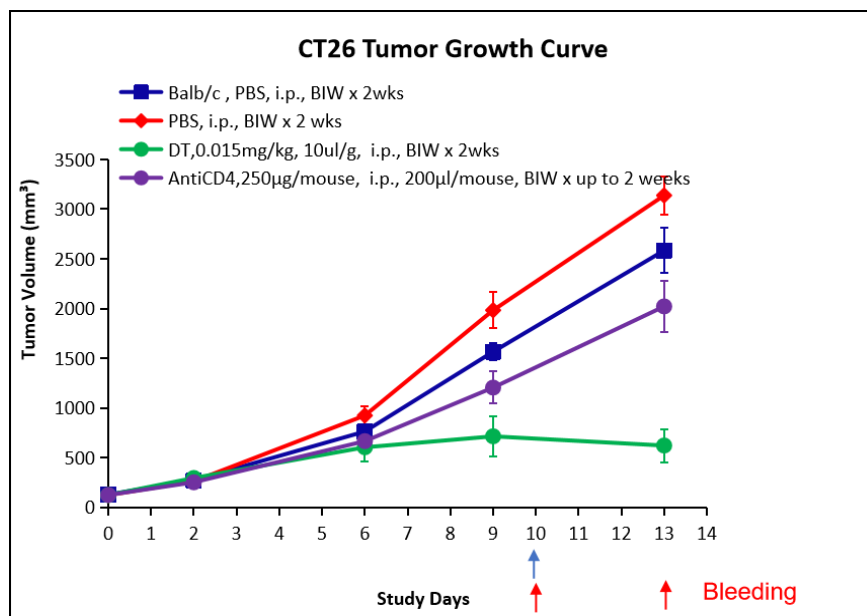


Fig 1. The growth of CT26 tumors in Foxp3-IRES-DTR-2A-tdTomato mice administered with different treatment and Balb/c mice. (In collaboration with CrownBio)

Proportion of different type-specific T cells and macrophages in peripheral blood of each group analyzed using FACS

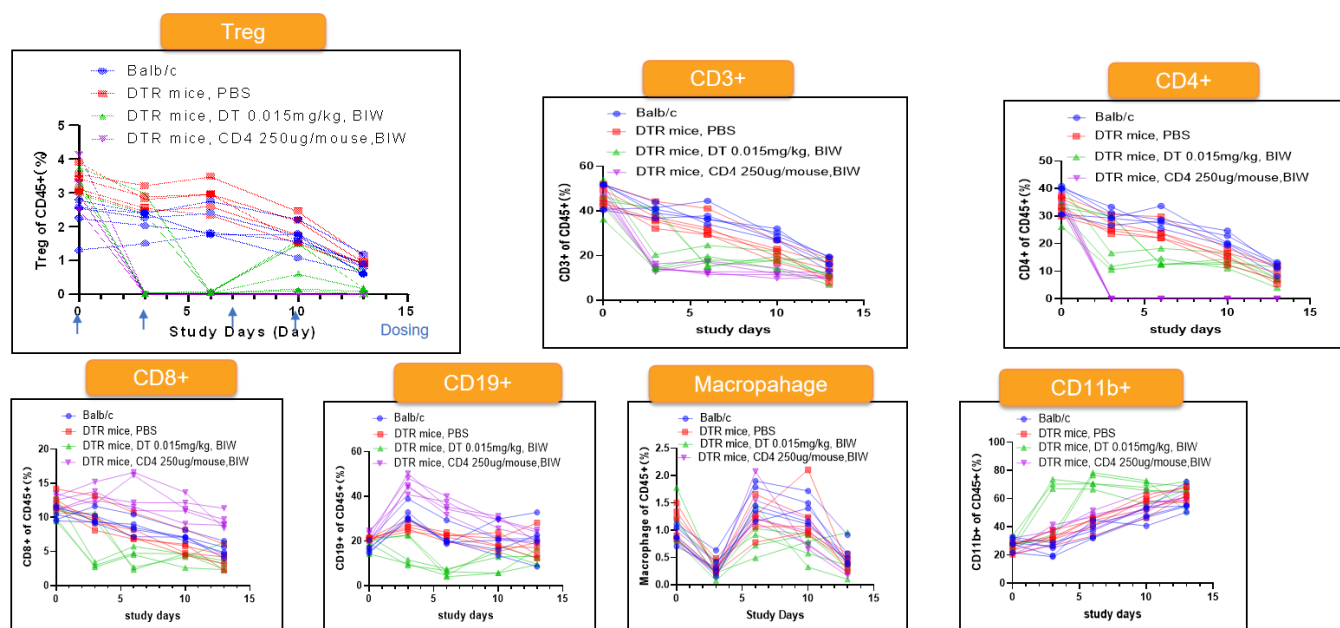


Fig 2. The percentage of different type-specific T cells and macrophages in peripheral blood of CT26 tumor-bearing Foxp3-IRES-DTR-2A-tdTomato mice administered with different treatment and Balb/c mice is detected by FACS. (In collaboration with CrownBio)

Proportion of different type-specific T cells and macrophages in spleen and tumor of each group analyzed using FACS

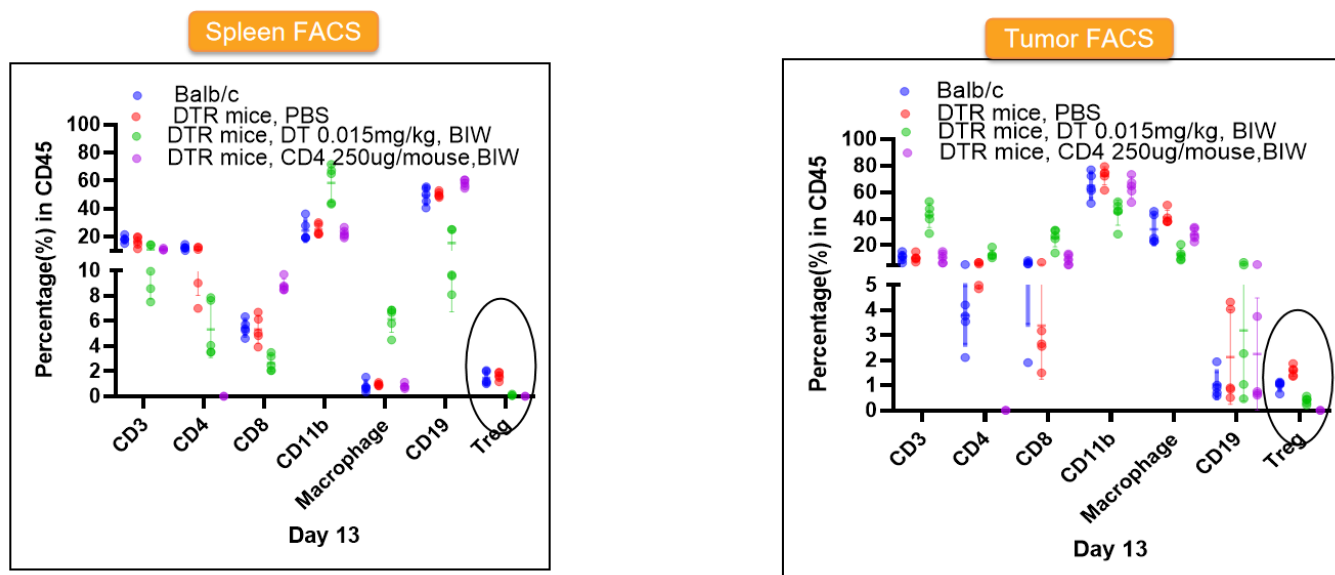


Fig 3. The percentage of different type-specific T cells and macrophages in spleen and tumor of CT26 tumor-bearing Foxp3-IRES-DTR-2A-tdTomato mice administered with different treatment and Balb/c mice is detected by FACS. (In collaboration with CrownBio)

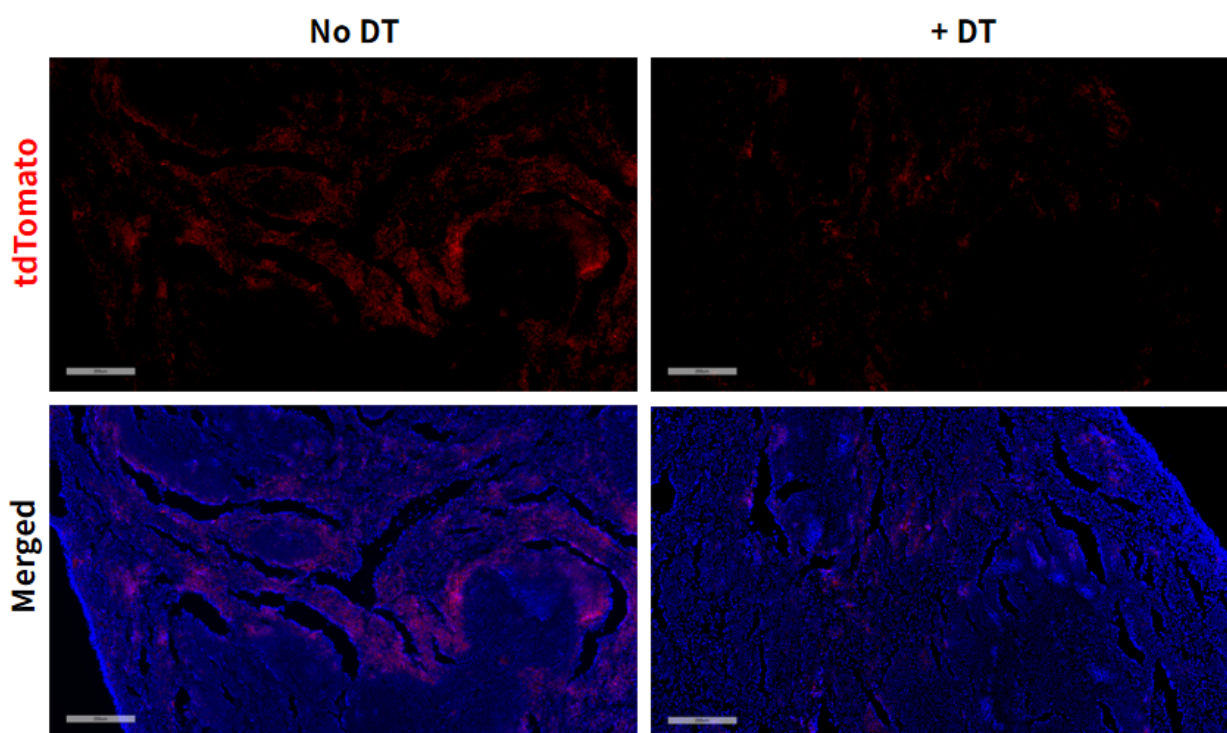


Fig 4. DTR mediated cell knockout in spleen of Foxp3-DTR/tdTomato mice (BALB/c).

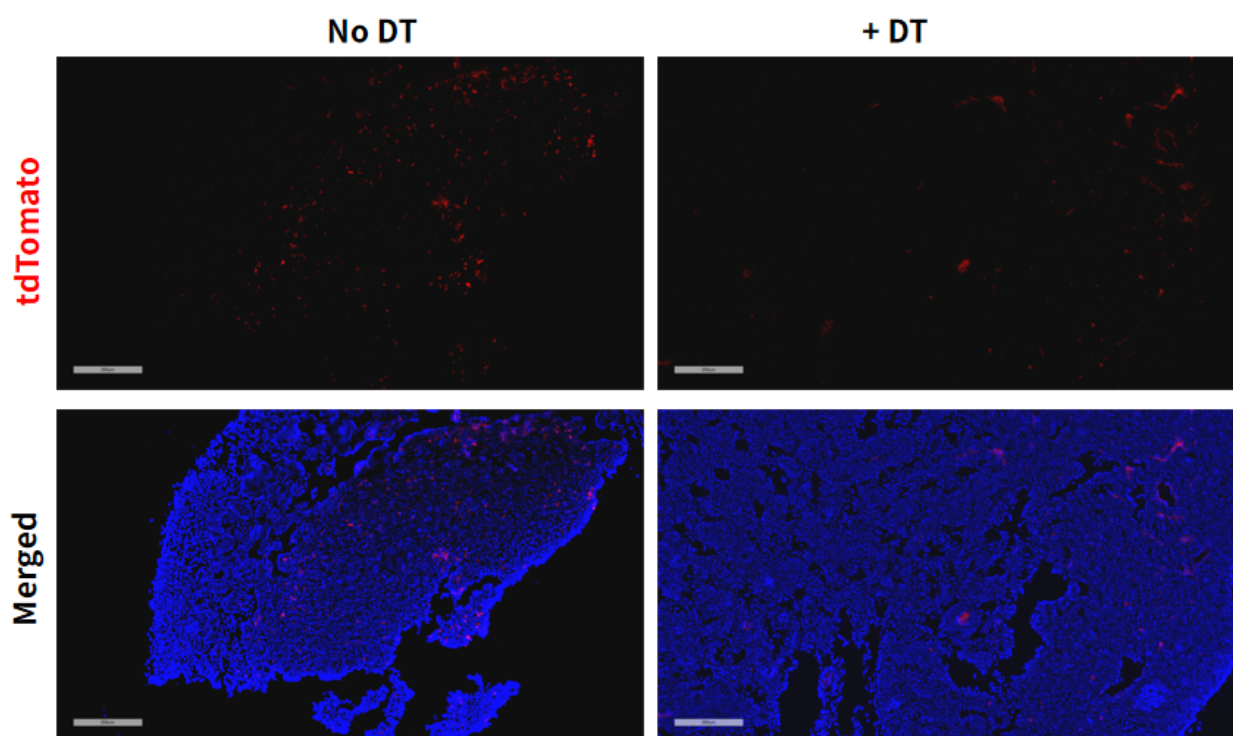


Fig 5. DTR mediated cell knockout in mesenteric lymph nodes of Fcpx3-DTR/tdTomato mice(BALB/c).