

hCD4

品系全名	C57BL/6Smoc- <i>Cd4</i> ^{em1(hCD4) Smoc}
目录号	NM-HU-00115
品系状态	胚胎冻存

基因信息

基因名 Cd4	基因曾用名	L3T4; Ly-4
	NCBI ID	12504
	MGI ID	88335
	Ensembl ID	ENSMUSG00000023274
	人类同源基因	CD4

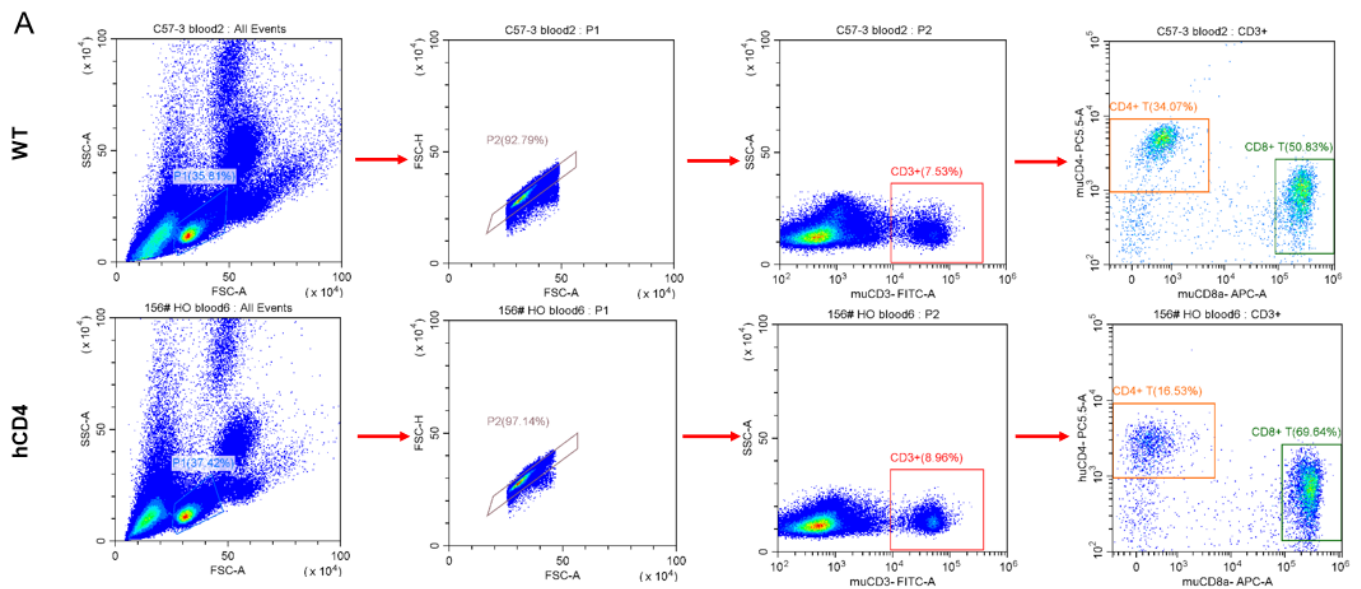
品系描述

通过同源重组，将小鼠Cd4基因进行人源化修饰。

应用领域：免疫治疗；肿瘤研究；药物筛选

*使用本品系发表的文献需注明: hCD4 mice (Cat. NO. NM-HU-00115) were purchased from Shanghai Model Organisms Center, Inc..

验证数据



B

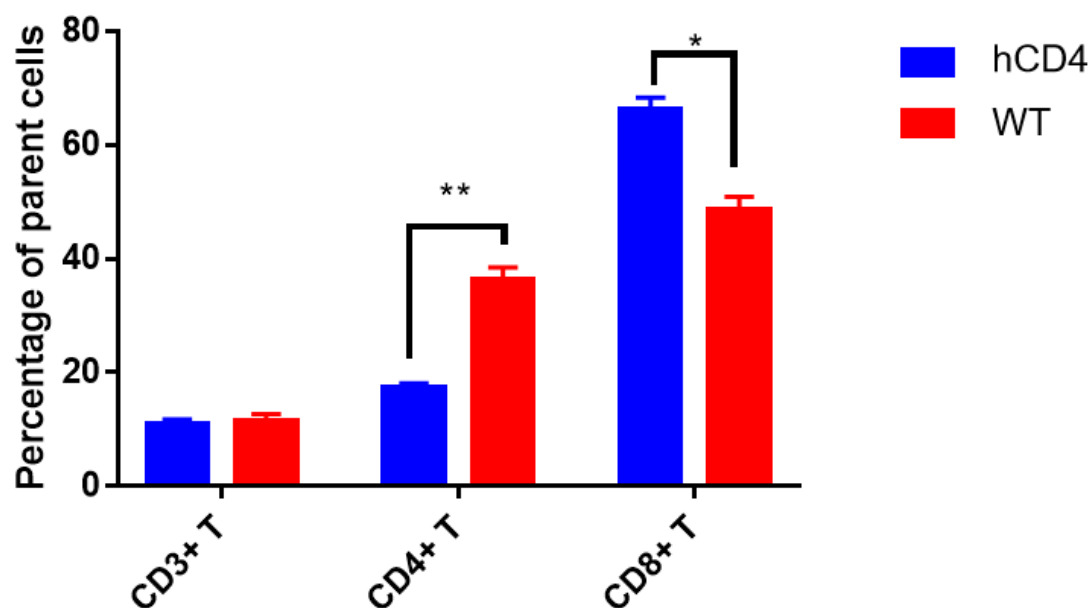
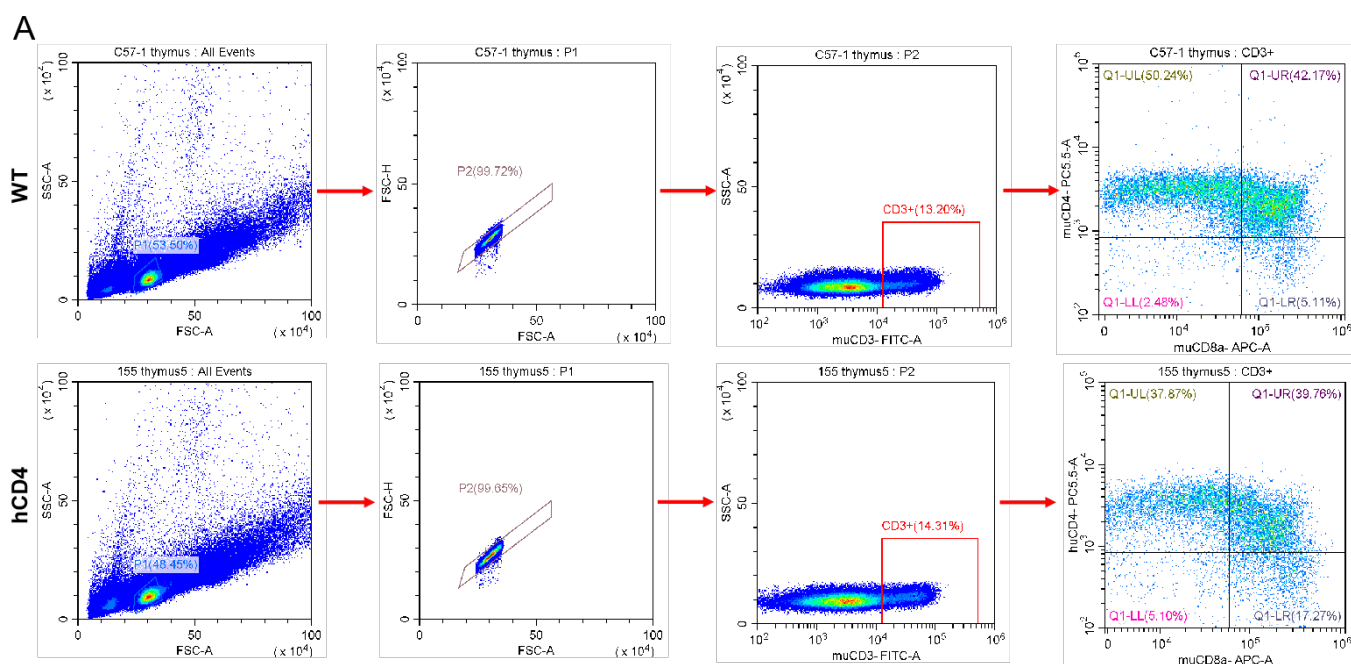


Fig 1. Flow cytometric analysis of the T cell subtype proportions in peripheral blood from control and the humanized CD4 mouse model.

A Lymphocyte dot plots. The gate for lymphocytes is indicated. B Statistical analyses of the CD8+ T cell and CD4+ T cell in the indicated groups. * $P < 0.05$, ** $P < 0.01$.



B

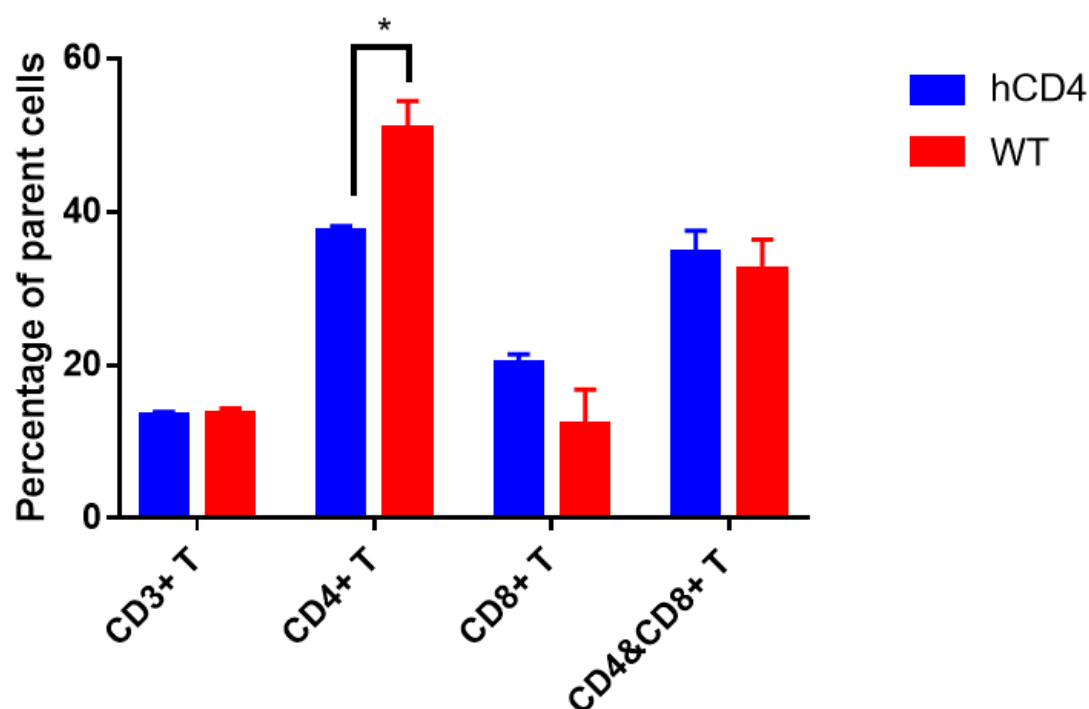


Fig2. Flow cytometric analysis of the T cell subtype proportions in thymus from control and the humanized CD4 mouse model. A Lymphocyte dot plots. The gate for lymphocytes is indicated. B Statistical analyses of the CD8+ T cell and CD4+ T cell in the indicated groups. *P<0.05.

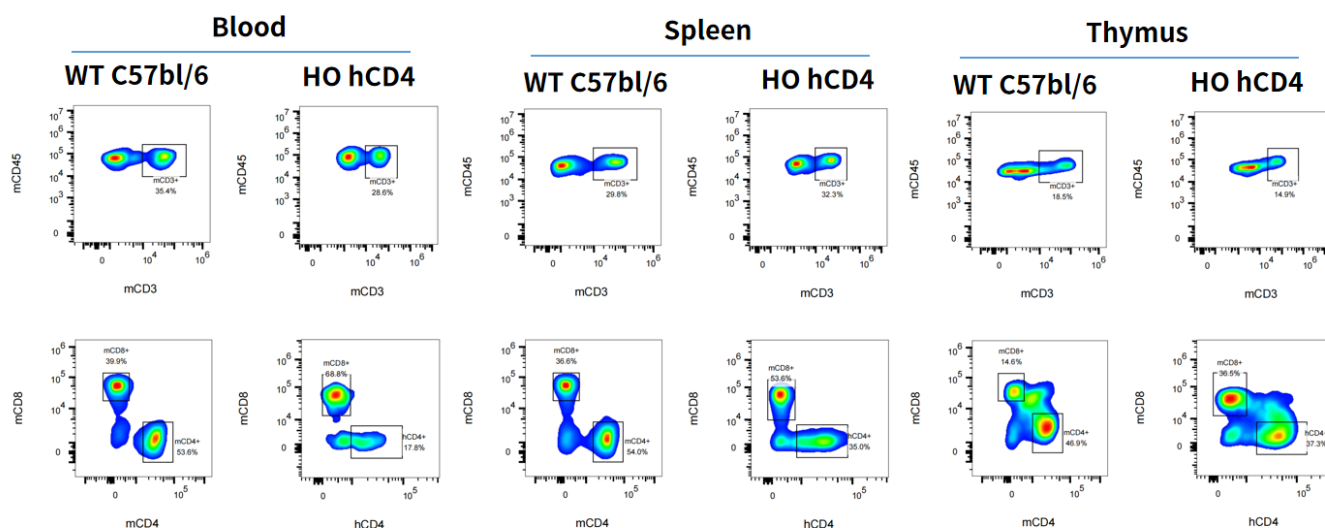


Fig3. Expression characterization of hCD4 in hCD4 KI mice.