

hCD4

品系全名 C57BL/6Smoc-*Cd4*^{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 |

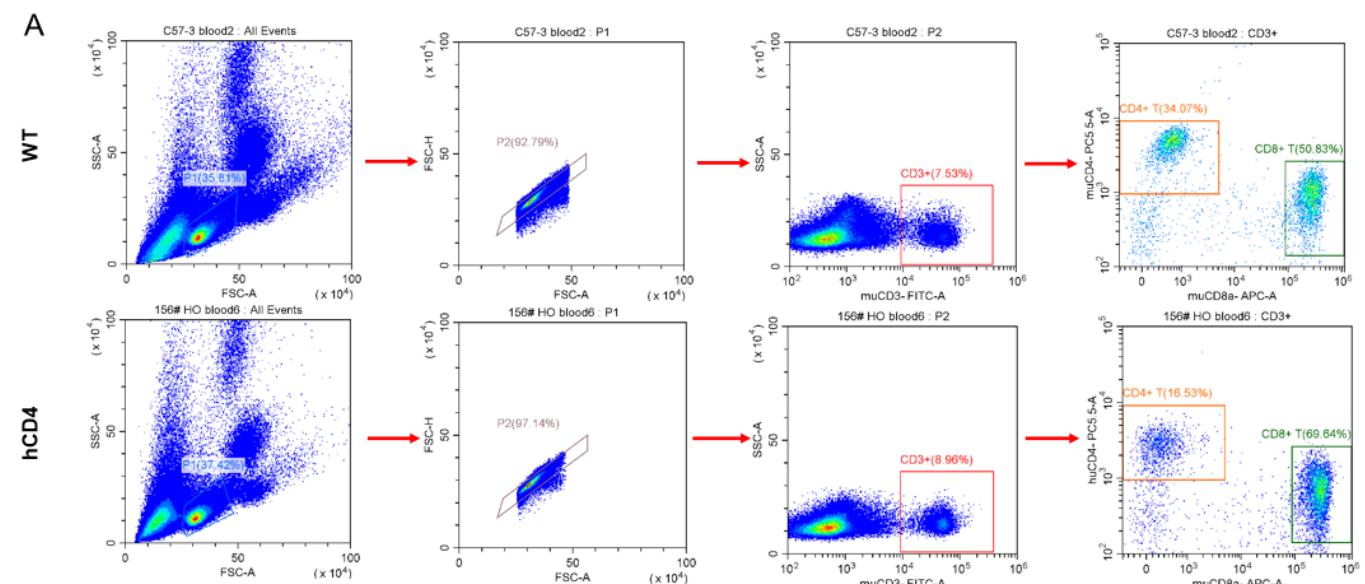
品系描述

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

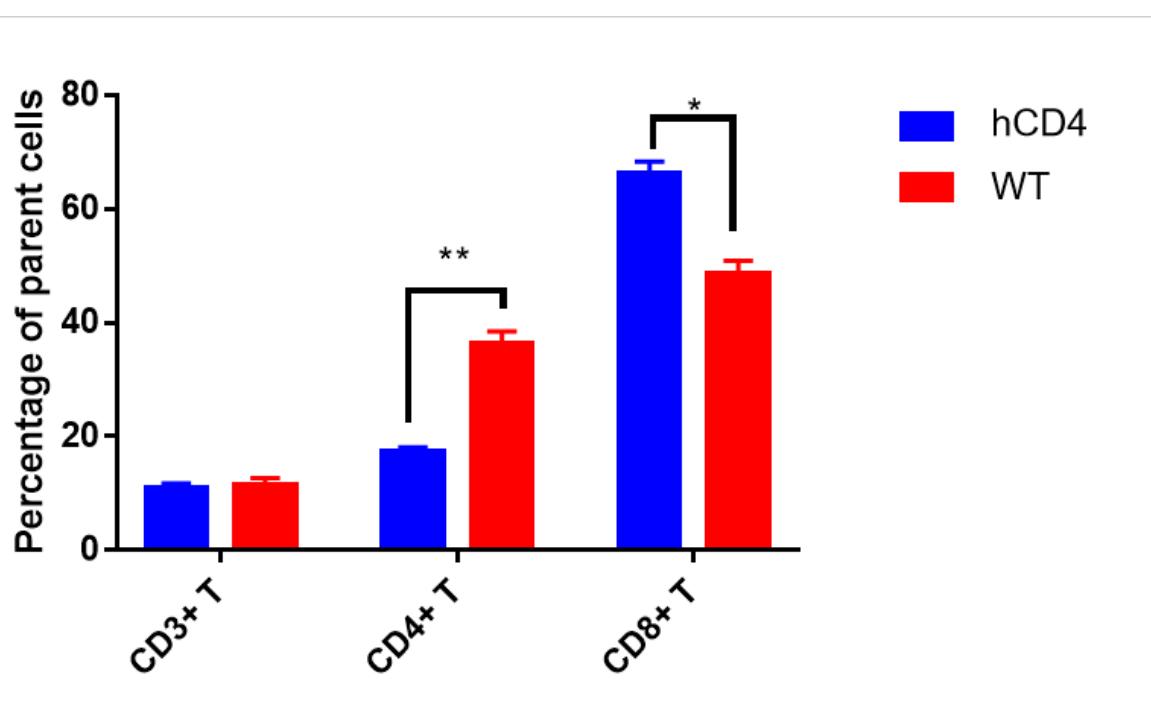
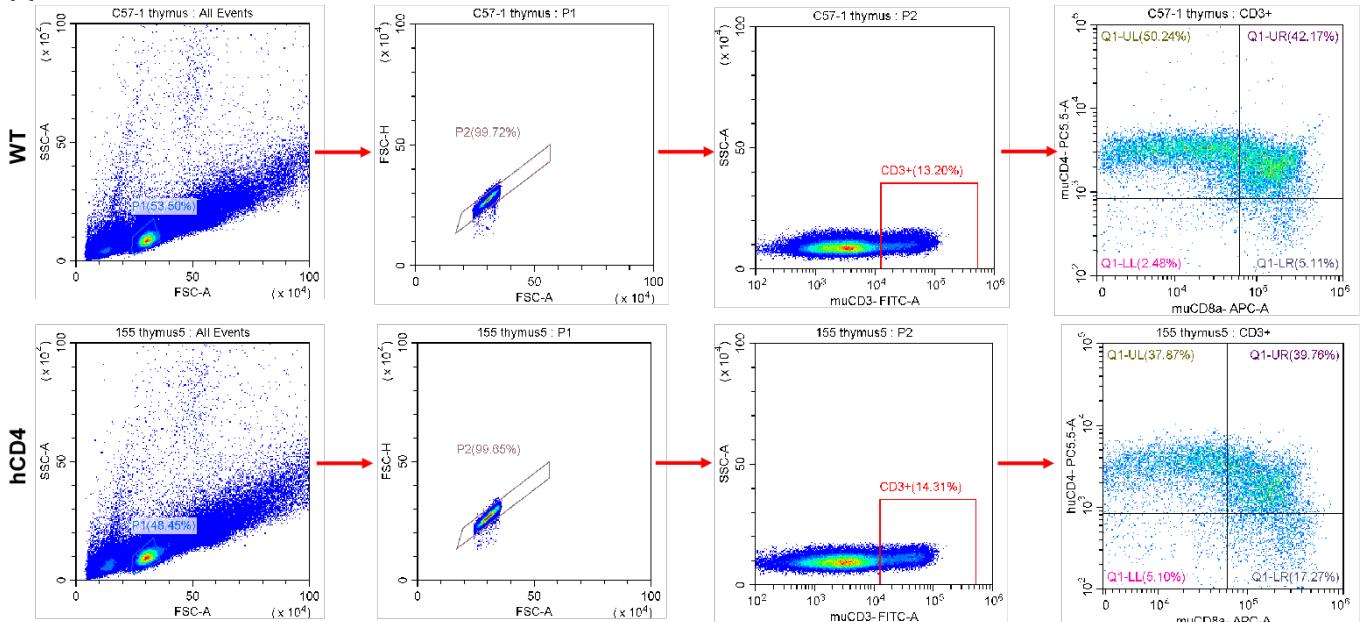


Fig 1. Flow cytometric analysis of the T cell subtype proportions in peripheral blood from control and the humanized CD4 mouse model.

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.

A



B

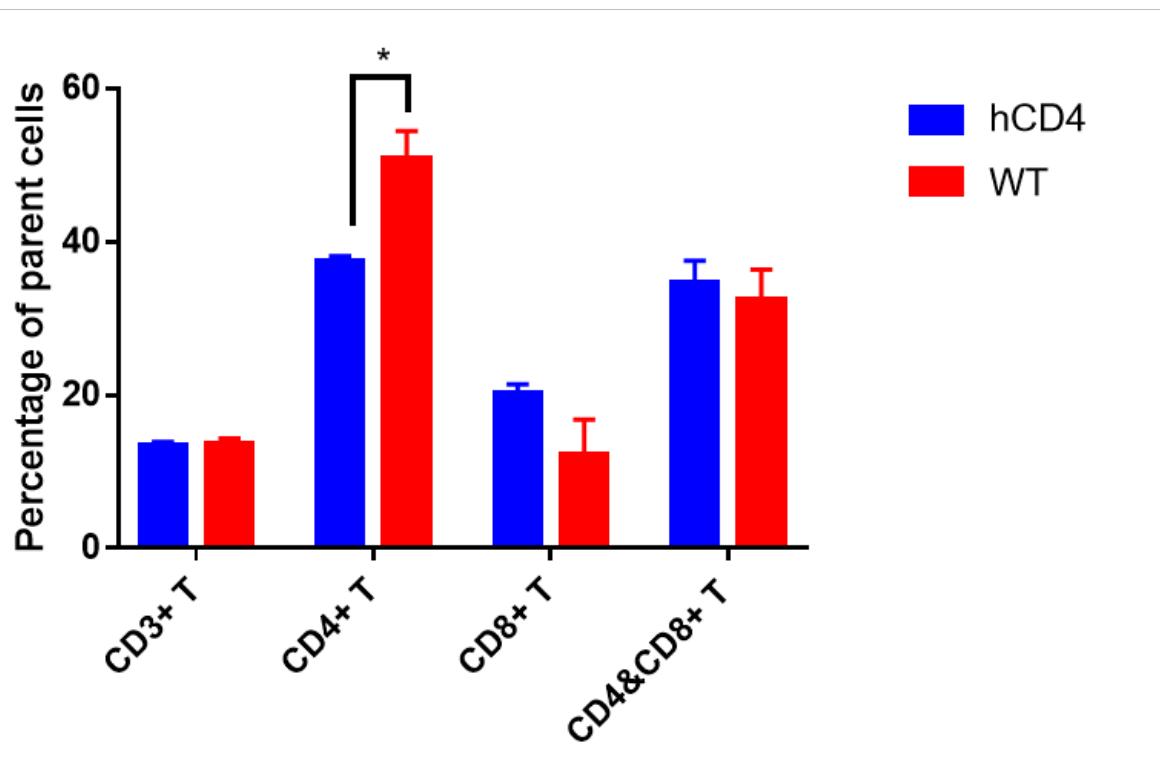


Fig2. Flow cytometric analysis of the T cell subtype proportions in thymus from control and the humanized CD4 mouse model. A Lymphocyte dot plots. The gate for lymphocytes is indicated. B Statistical analyses of the CD8+ T cell and CD4+ T cell in the indicated groups. *P<0.05.

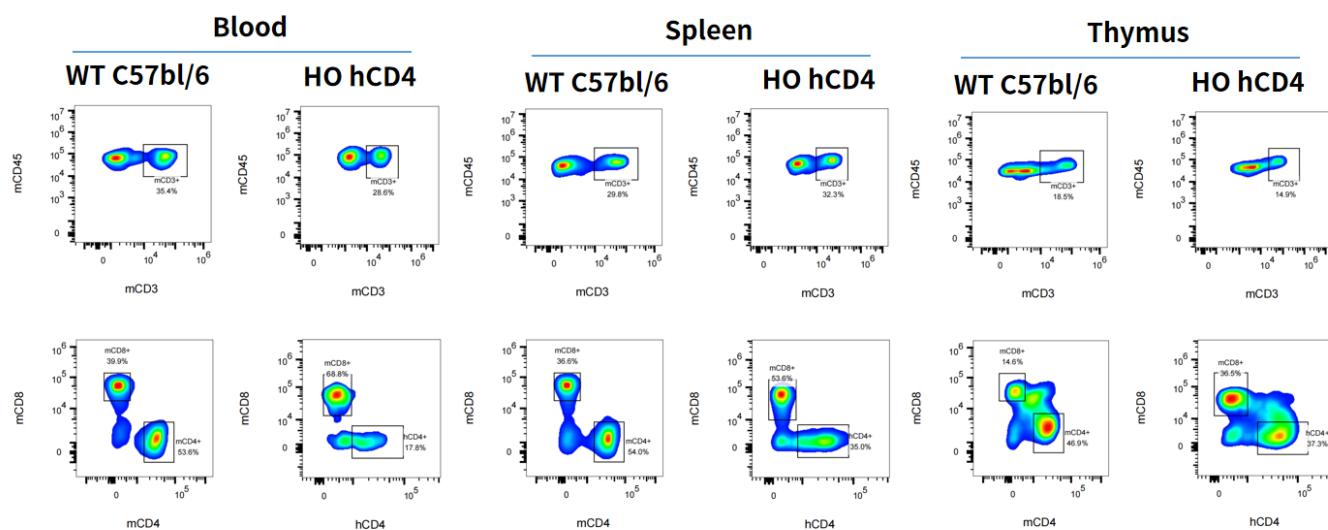


Fig3. Expression characterization of hCD4 in hCD4 KI mice.