

# hCD24

|      |                                                      |
|------|------------------------------------------------------|
| 品系全名 | C57BL/6Smoc- <i>Cd24a</i> <sup>tm1(hCD24)/Smoc</sup> |
| 目录号  | NM-HU-2000060                                        |
| 品系状态 | 活体                                                   |

## 基因信息

|              |            |                                     |
|--------------|------------|-------------------------------------|
| 基因名<br>CD24a | 基因曾用名      | HSA; Cd24; Ly-52; nectadrin         |
|              | NCBI ID    | <a href="#">12484</a>               |
|              | MGI ID     | <a href="#">88323</a>               |
|              | Ensembl ID | <a href="#">ENSMUSG000000047139</a> |
|              | 人类同源基因     | CD24A                               |

## 品系描述

通过同源重组，将小鼠基因CD24a进行人源化修饰。与此相似的品系还有hCD24(2)(NM-HU-215025)，详细信息请咨询技术顾问。

**应用领域：**免疫治疗；药物筛选

\*使用本品系发表的文献需注明：hCD24 mice (Cat. NO. NM-HU-2000060) were purchased from Shanghai Model Organisms Center, Inc..

## 验证数据

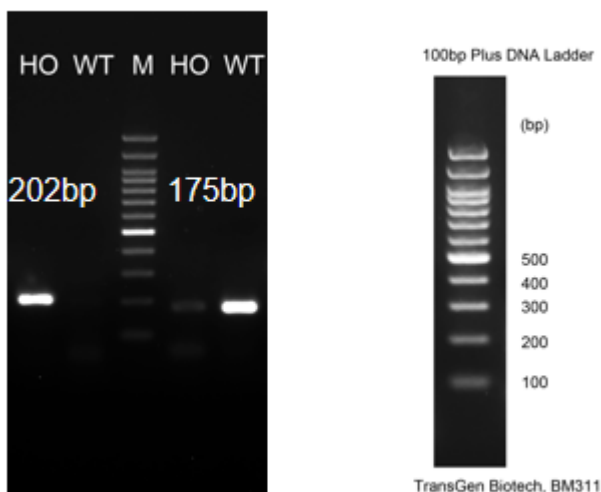


Fig1. Detection of CD24 expression in spleen and brain by RT-PCR. Wild type: only one band at 175 bp with primers F1/R1(mCd24);Homozygous: only one band at 202 bp with primers F2/R2(hCD24); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

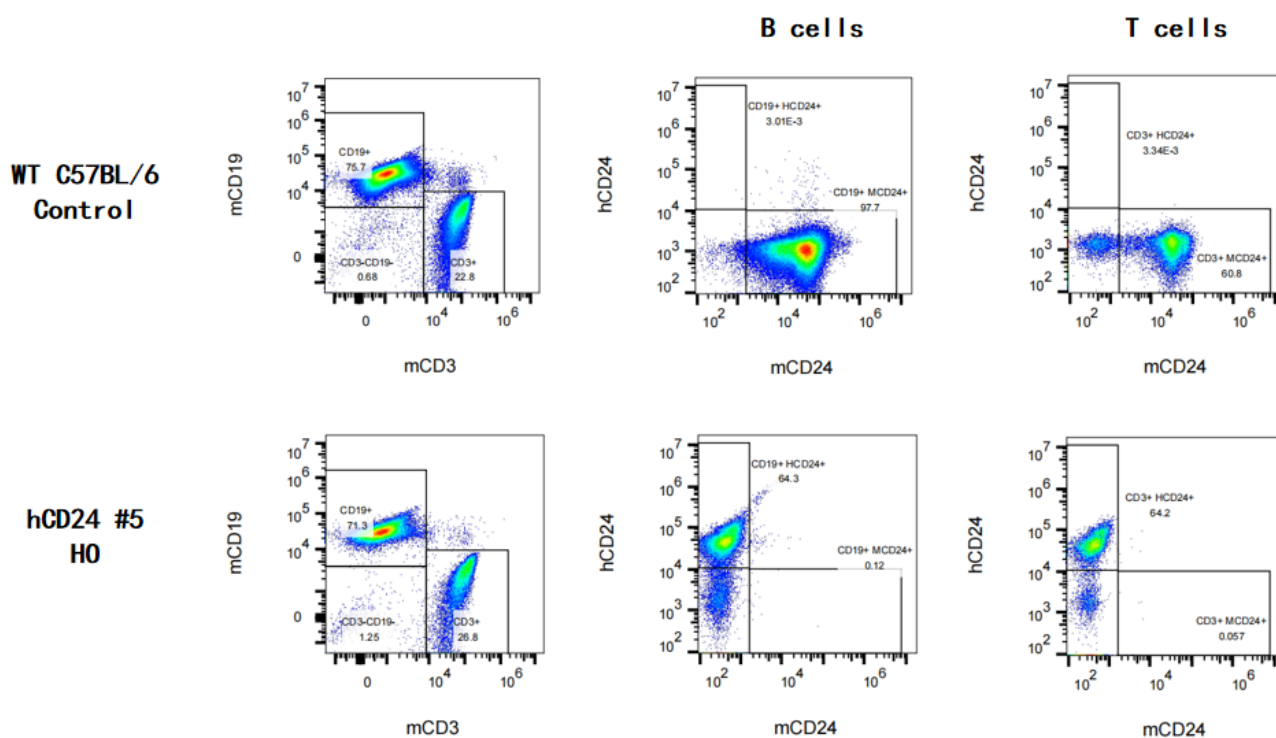
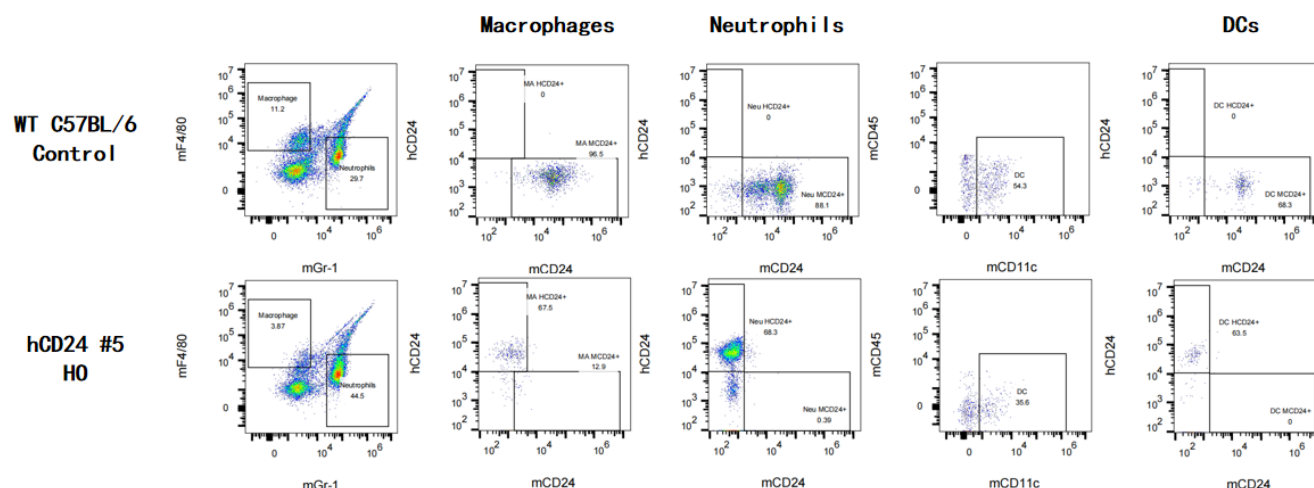
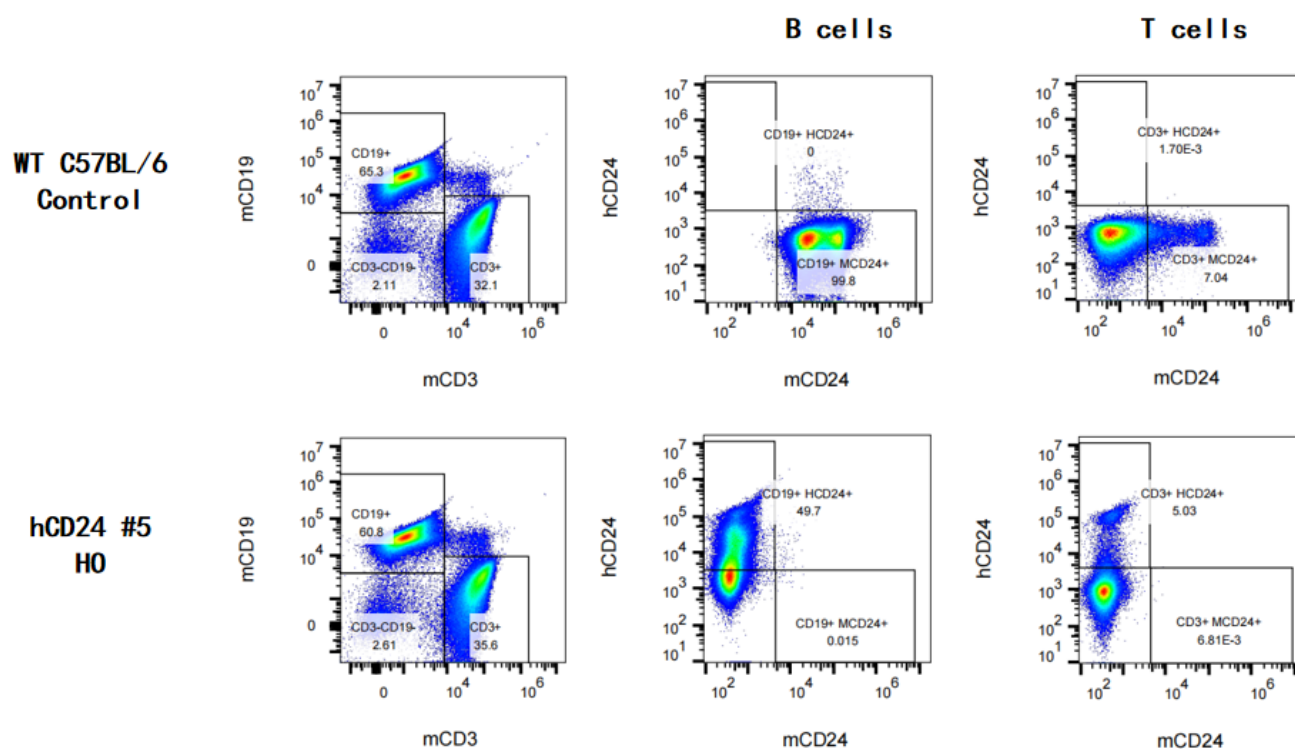


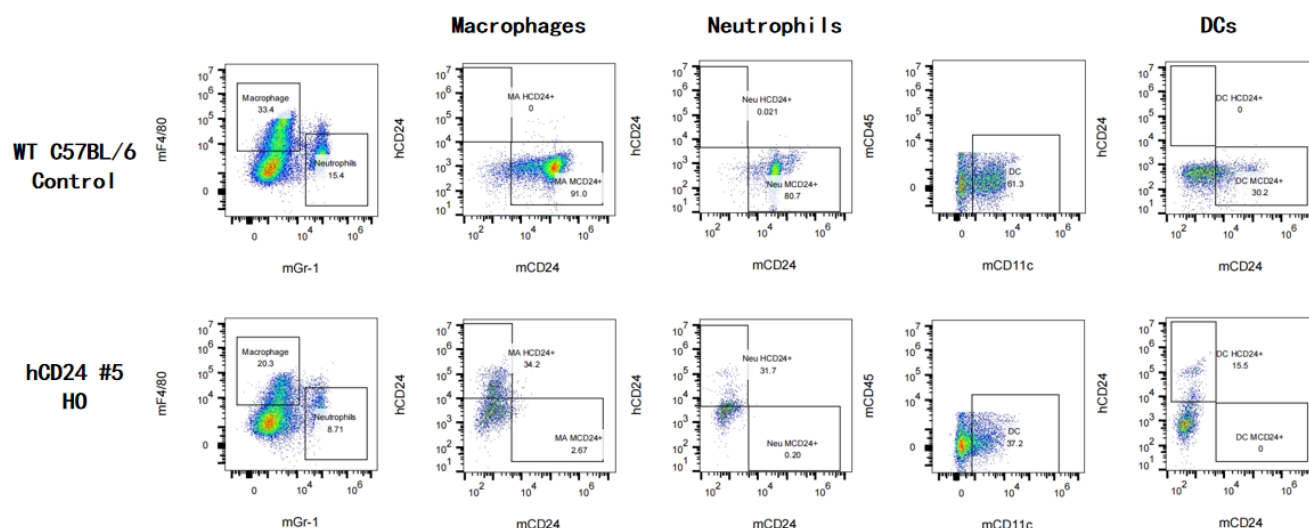
Fig2. Detection of hCD24 expression on B cells and T cells in blood in hCD24 KI mice.



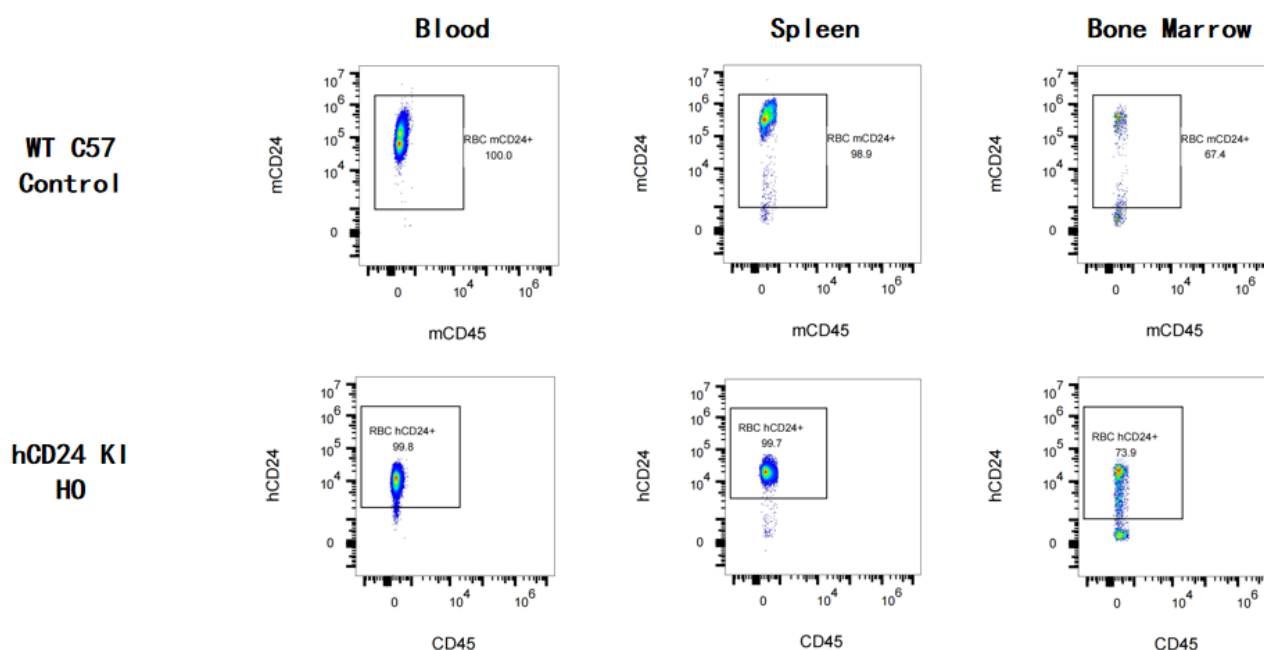
**Fig3. Detection of hCD24 expression on macrophages, neutrophils and DCs in blood in hCD24 KI mice.**



**Fig4. Detection of hCD24 expression on B cells and T cells in spleen in hCD24 KI mice.**



**Fig5. Detection of hCD24 expression on macrophages, neutrophils and DCs in spleen in hCD24 KI mice.**



**Fig6. Detection of hCD24 expression on RBC (red blood cells) in hCD24 KI mice.**