

# hCD24

**品系全名** C57BL/6Smoc-*Cd24a*<sup>tm1(hCD24)/Smoc</sup>

**目录号** NM-HU-2000060

**品系状态** 活体

## 基因信息

<b>基因名</b> <b>CD24a</b>	<b>基因曾用名</b>	HSA; Cd24; Ly-52; nectadrin
	<b>NCBI ID</b>	<a href="#">12484</a>
	<b>MGI ID</b>	<a href="#">88323</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000047139</a>
	<b>人类同源基因</b>	CD24A

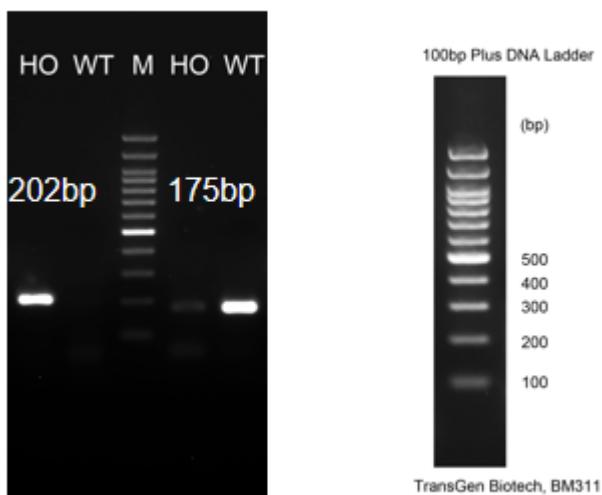
## 品系描述

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。

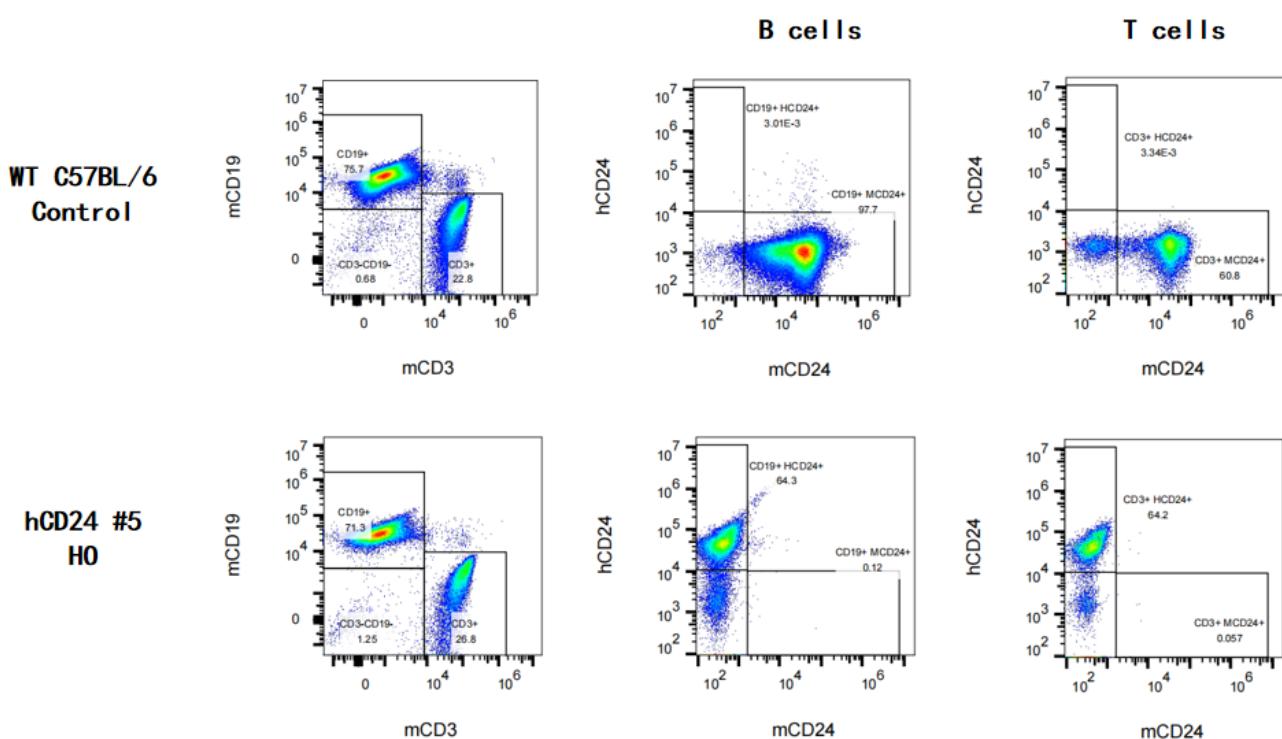
**应用领域：**免疫治疗；药物筛选

\*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..

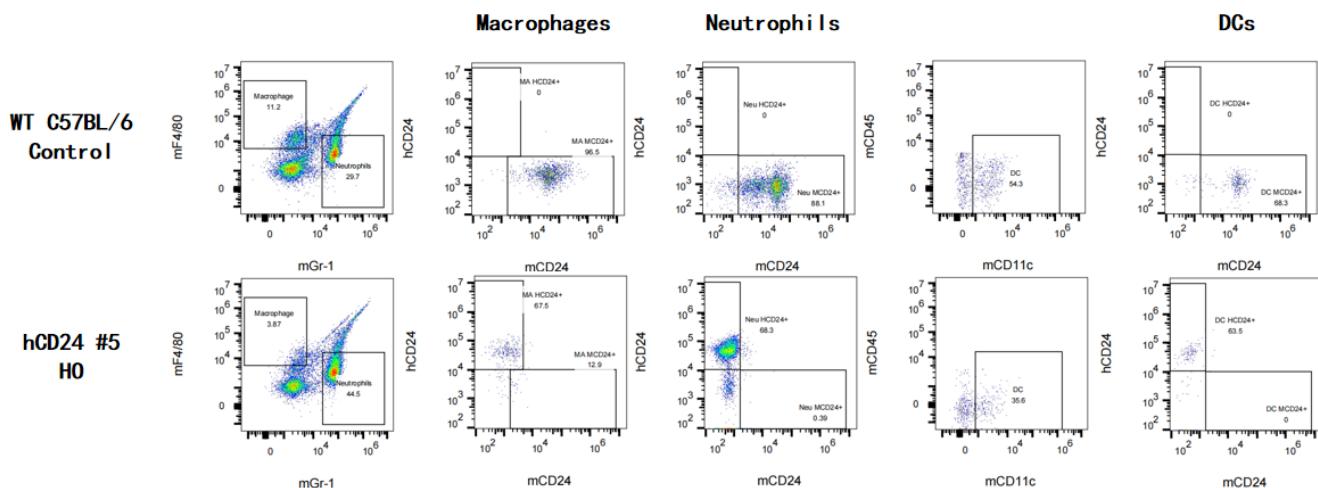
## 验证数据



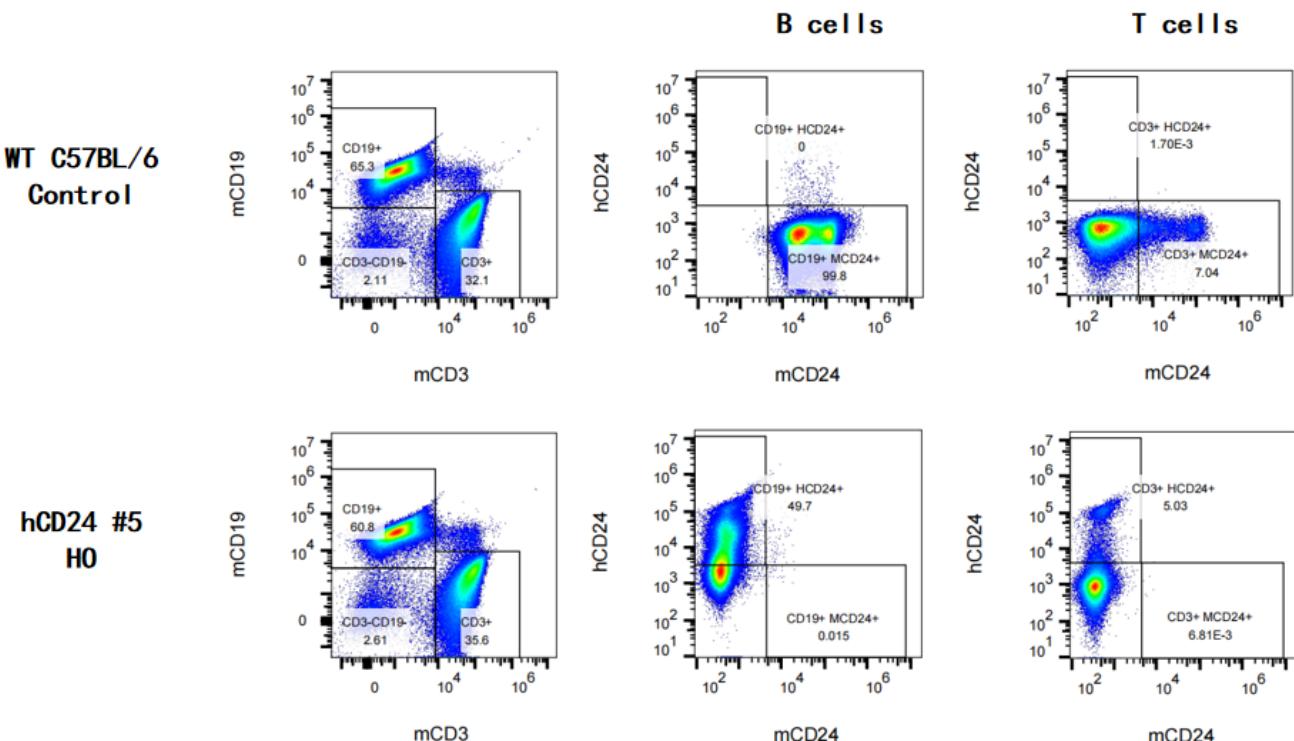
**Fig1.** Detection of CD24 expression in spleen and brain by RT-PCR. Wild type: only one band at 175 bp with primers F1/R1(mCd24);Homozygous: only one band at 202 bp with primers F2/R2(hCD24); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.



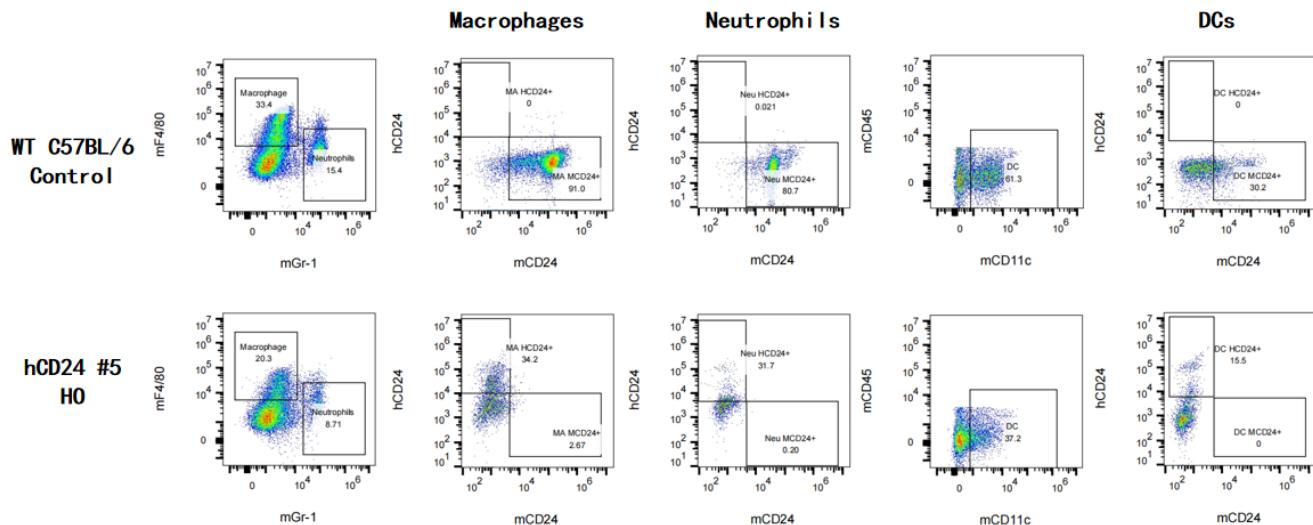
**Fig2.** Detection of hCD24 expression on B cells and T cells in blood in hCD24 KI mice.



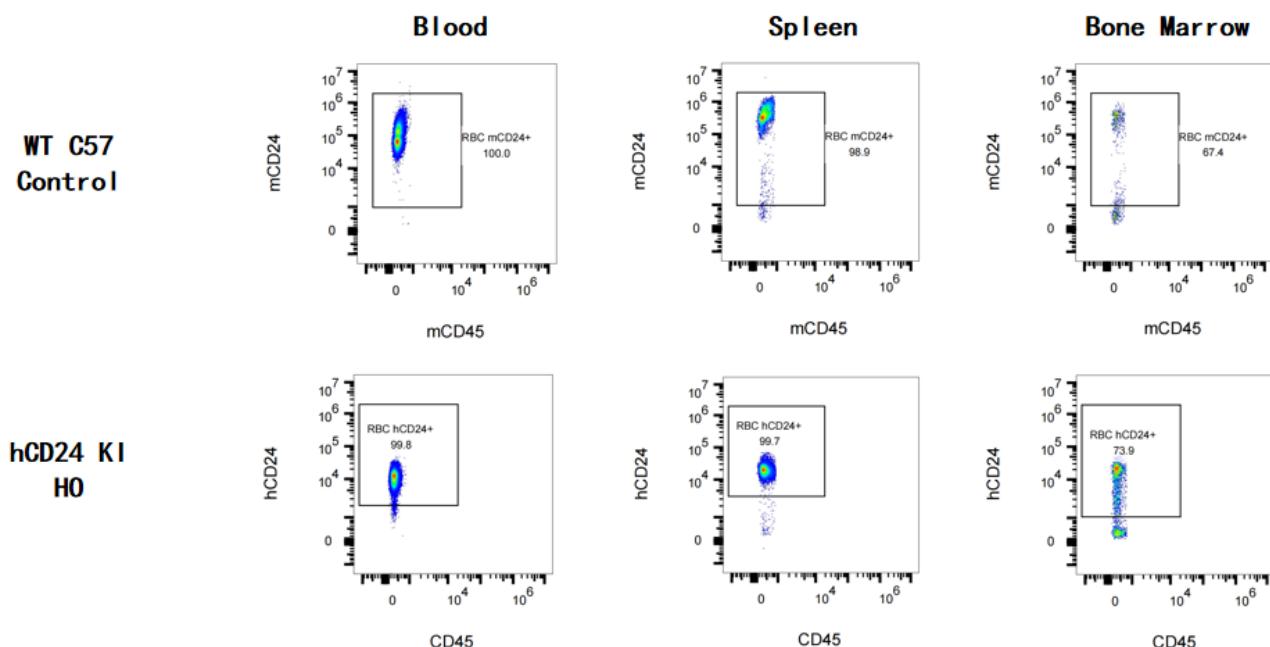
**Fig3. Detection of hCD24 expression on macrophages, neutrophils and DCs in blood in hCD24 KI mice.**



**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.**