

hCD2

Nomenclature C57BL/6Smoc-*Cd2*^{tm1(hCD2)Smoc}

Cat. NO. NM-HU-204986

Strain State Repository Live

Gene Summary

| | | |
|----------------------------------|-----------------------|------------------------------------|
| Gene Symbol Cd2 | Synonyms | Ly37; LFA-2; Ly-37 |
| | NCBI ID | 12481 |
| | MGI ID | 88320 |
| | Ensembl ID | ENSMUSG00000027863 |
| | Human Ortholog | CD2 |

Model Description

The endogenous mice Cd2 gene was replaced by human CD2 gene.

*Literature published using this strain should indicate: hCD2 mice (Cat. NO. NM-HU-204986) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

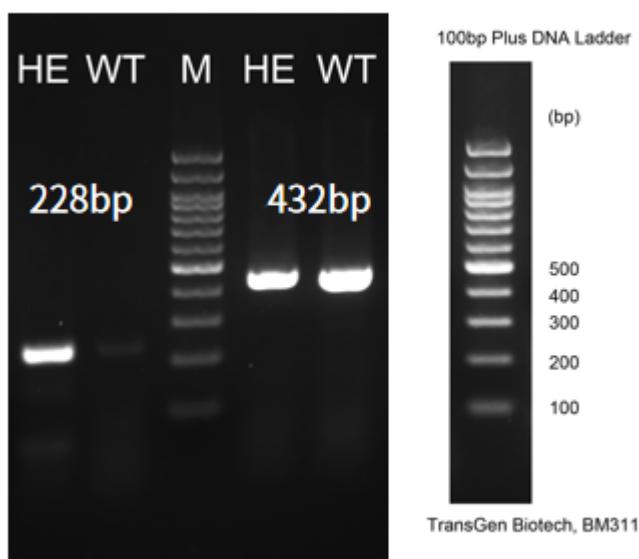


Fig1. Detection of CD2 expression in thymus and spleen by RT-PCR.

Wild type: only one band at 432 bp with primers F1/R1(mCd2);

Heterozygous: one band at 432 bp with primers F1/R1(mCd2) and one band at 228 bp with primers F2/R2(hCD2).

Abbr. M, DNA marker; HE, heterozygous; WT, wild type.

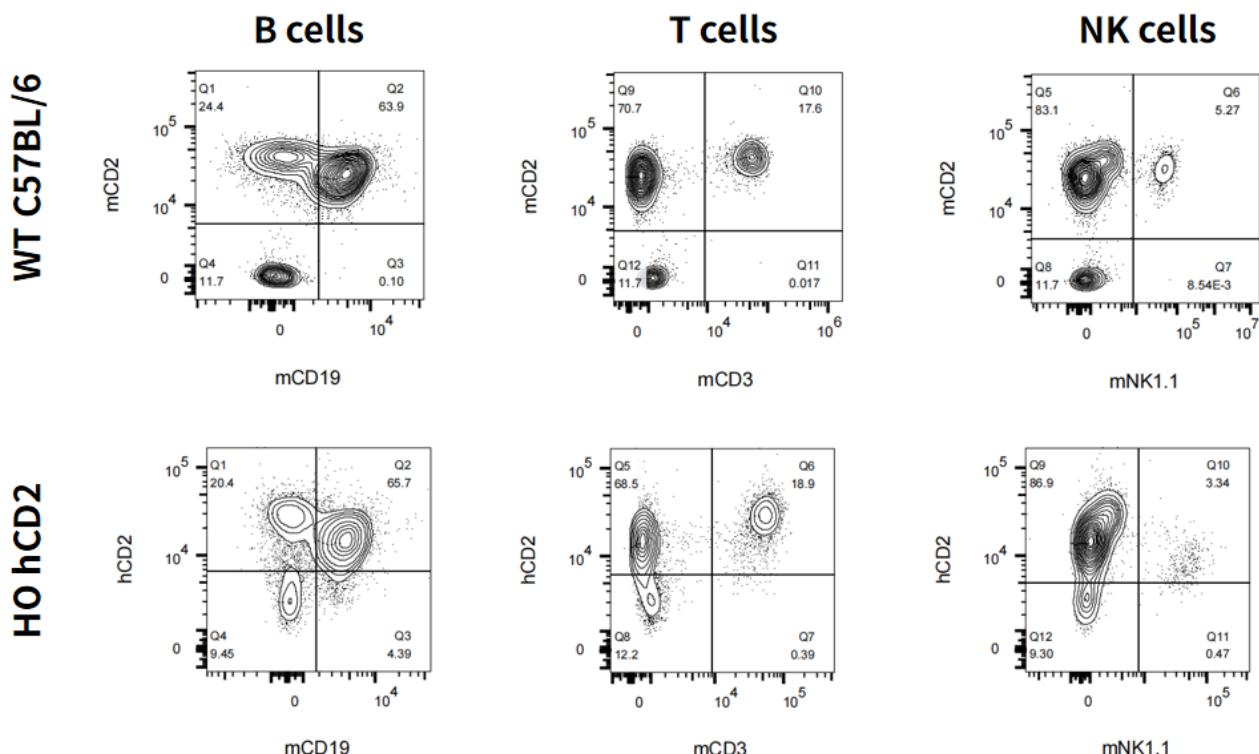


Fig2. Detection of hCD2 expression in Blood in hCD2 KI mice.

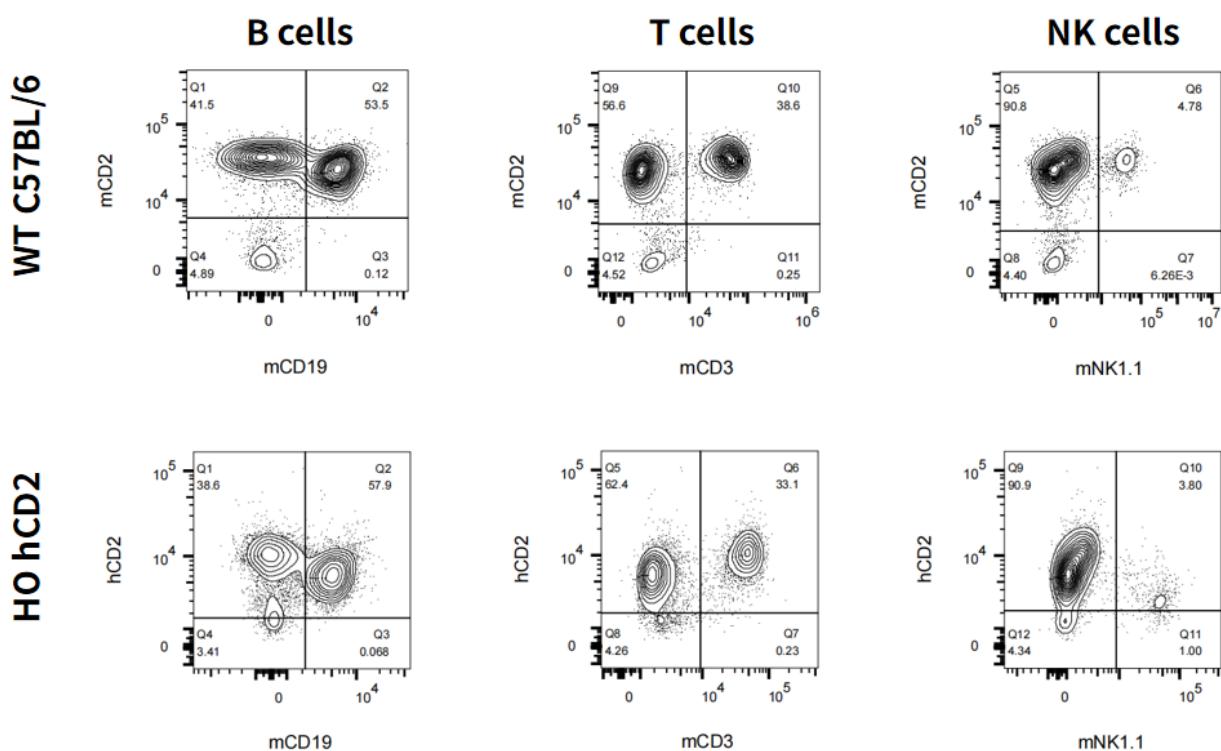


Fig3. Detection of hCD2 expression in Spleen in hCD2 KI mice.