

# hDPP4

|                     |                                                   |
|---------------------|---------------------------------------------------|
| <b>Nomenclature</b> | C57BL/6Smoc- <i>Dpp4</i> <sup>em1(DPP4)Smoc</sup> |
| <b>Cat. NO.</b>     | NM-HU-190042                                      |
| <b>Strain State</b> | Repository Live                                   |

## Gene Summary

|                                   |                       |                                    |
|-----------------------------------|-----------------------|------------------------------------|
| <b>Gene Symbol</b><br><b>Dpp4</b> | <b>Synonyms</b>       | Cd26; THAM; Dpp-4                  |
|                                   | <b>NCBI ID</b>        | <a href="#">13482</a>              |
|                                   | <b>MGI ID</b>         | <a href="#">94919</a>              |
|                                   | <b>Ensembl ID</b>     | <a href="#">ENSMUSG00000035000</a> |
|                                   | <b>Human Ortholog</b> | DPP4                               |

## Model Description

The endogenous mouse Dpp4 gene was replaced by human DPP4 gene.

**Research Application:** MERS infection research

\*Literature published using this strain should indicate: hDPP4 mice (Cat. NO. NM-HU-190042) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

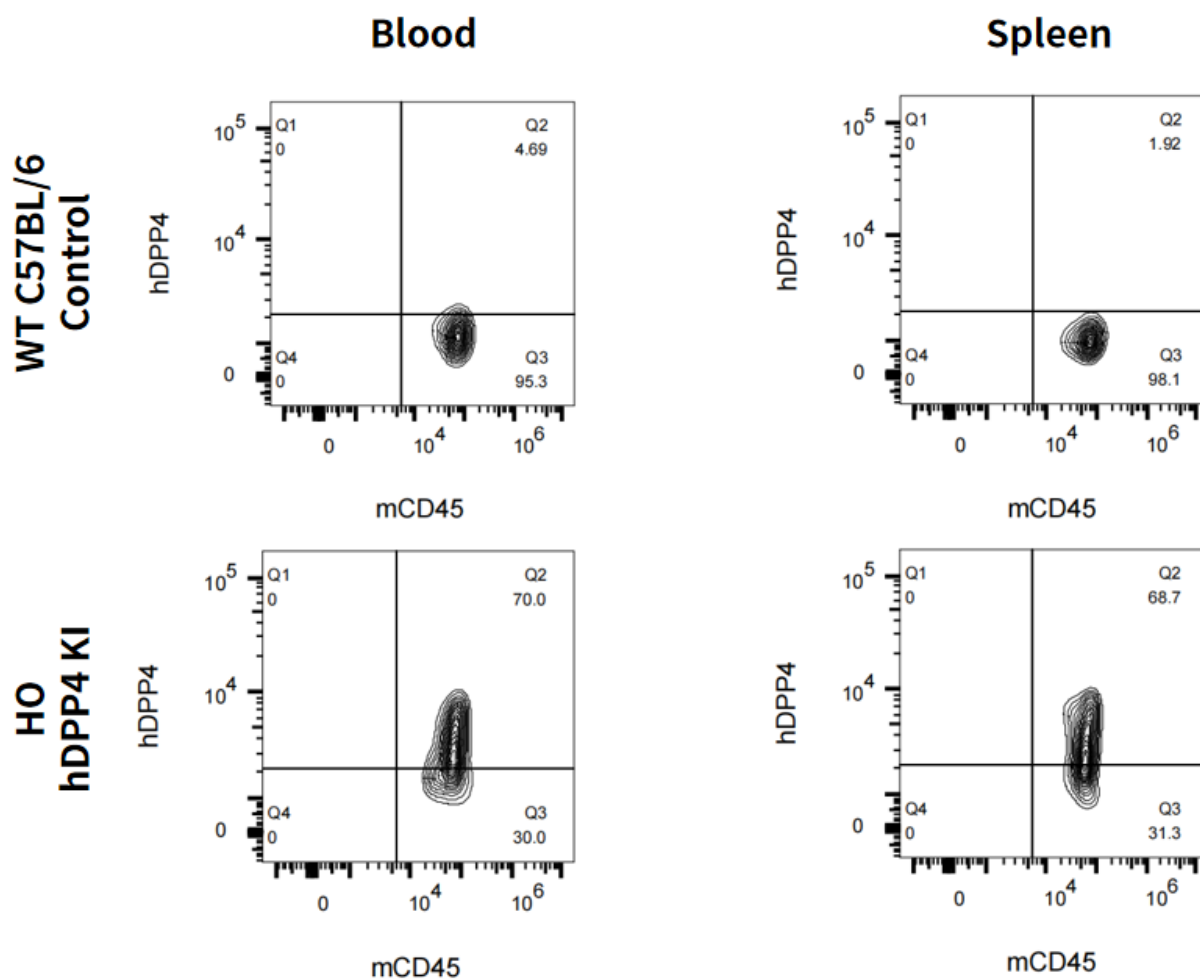


Fig1. Detection of hDPP4 (CD26) expression in HO hDPP4 KI mice by FACS.

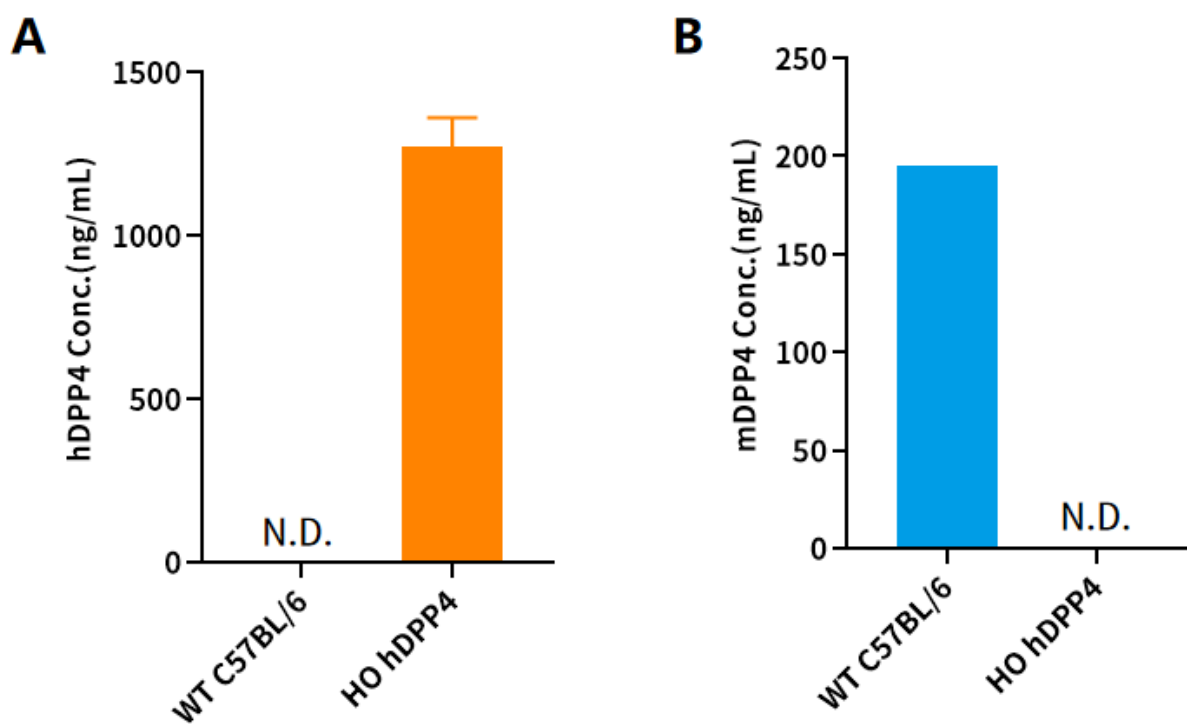


Fig2. Detection of human DPP4 (A) and mouse DPP4 (B) expression in plasma by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

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## **Publications**

[Isolation and characterization of a pangolin-borne HKU4-related coronavirus that potentially infects human-DPP4-transgenic mice](#)

References: Nature Communications