

Cd45.1

Nomenclature	C57BL/6Smoc- <i>Ptprc</i> ^{em1(K302E)Smoc}
Cat. NO.	NM-KI-210226
Strain State	Repository Live

Gene Summary

Gene Symbol Ptprc	Synonyms	loc; B220; Cd45; L-CA; Ly-5; T200; CD45R; Lyt-4
	NCBI ID	19264
	MGI ID	97810
	Ensembl ID	ENSMUSG00000026395
	Human Ortholog	PTPRC

Model Description

These mice carry a K302E mutation of *Ptprc* gene.

*Literature published using this strain should indicate: Cd45.1 mice (Cat. NO. NM-KI-210226) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

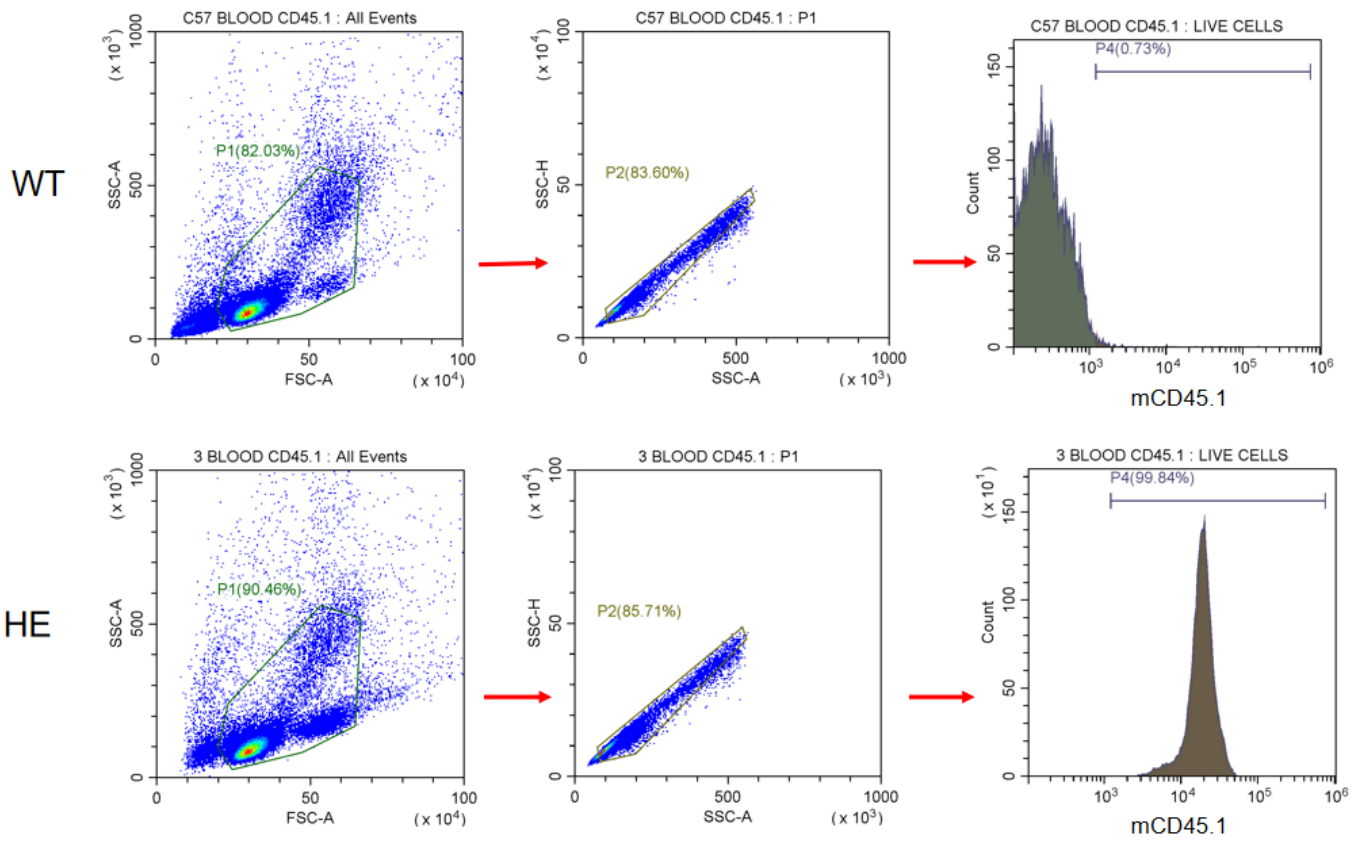


Fig1. Analysis of CD45.1 expression on PBMC by FACS . The active expression of mCD45.1 was detected on PBMC.

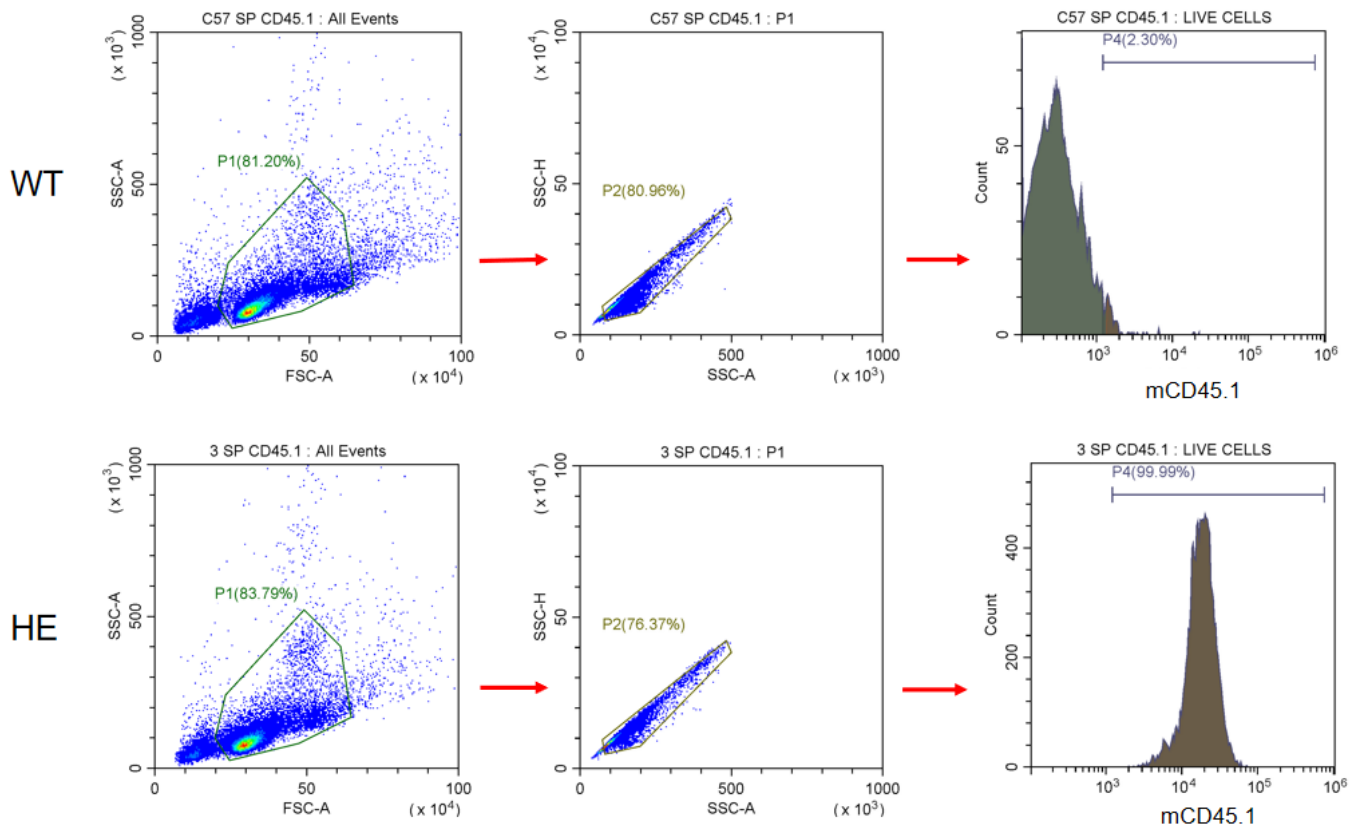


Fig2. Analysis of CD45.1 expression in the spleen by FACS . The active expression of mCD45.1 was detected in the spleen.

Publications

[Induction of Foxp3 and activation of Tregs by HSP gp96 for treatment of autoimmune diseases](#)

References: iScience