

hCD20(2)

Nomenclature	C57BL/6Smoc- <i>Ms4a1</i> ^{tm2 (hCD20)Smoc}
Cat. NO.	NM-HU-200114
Strain State	Repository Live

Gene Summary

Gene Symbol Ms4a1	Synonyms	Cd20; Ly-44; Ms4a2; AA960661
	NCBI ID	12482
	MGI ID	88321
	Ensembl ID	ENSMUSG00000024673
	Human Ortholog	MS4A1

Model Description

Extracellular and transmembrane region of the endogenous mouse Ms4a1 gene was replaced by corresponding region of human CD20 gene. While hCD20(Stock No.NM-HU-190068) mice function similarly to hCD20(2) mice,for more detailed information please contact our technical advisor.

Research Application: Immune-related; drug screening

*Literature published using this strain should indicate: hCD20(2) mice (Cat. NO. NM-HU-200114) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

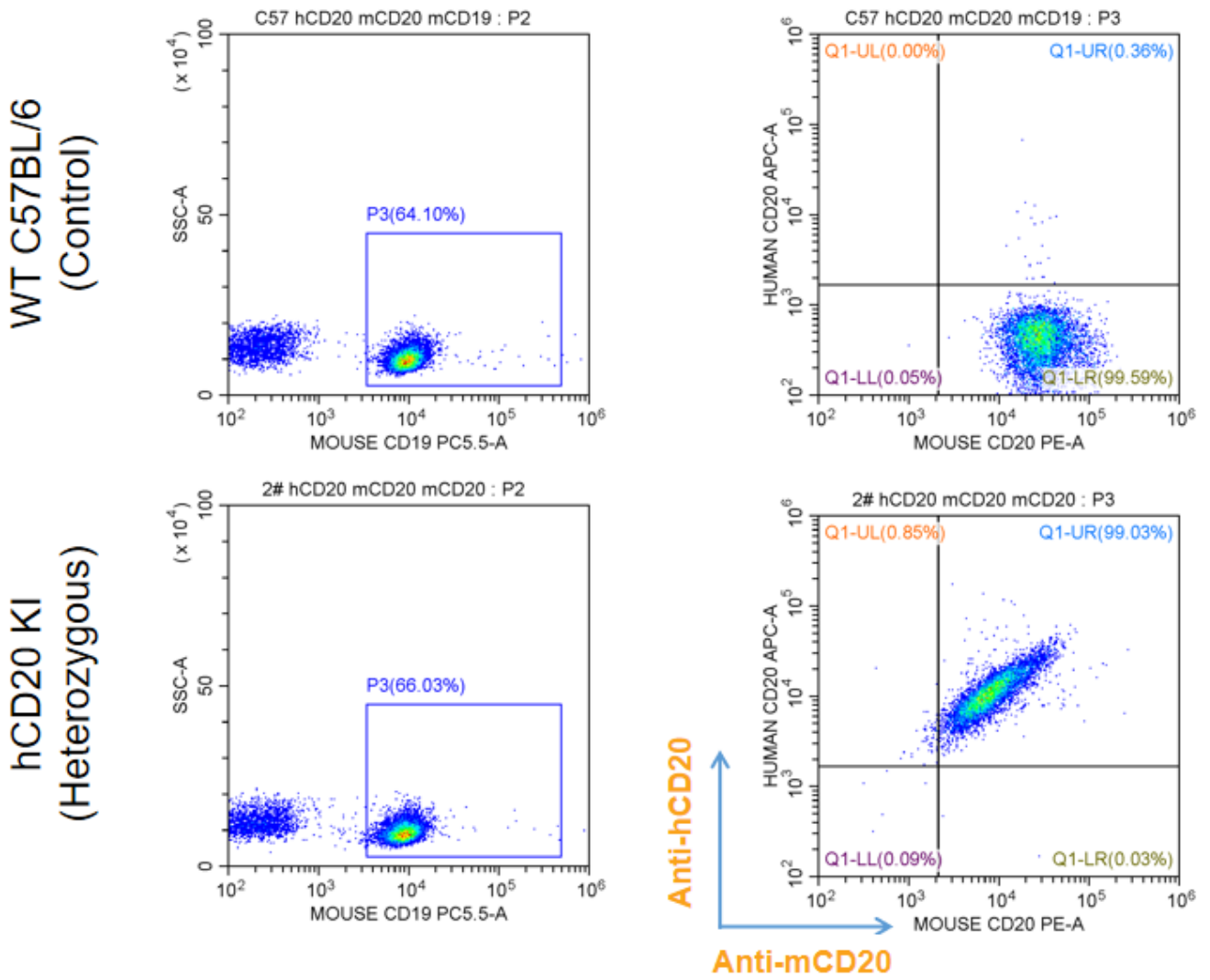


Fig1. Detection of hCD20 expression on mCD19+ B cells in blood in hCD20 knockin mice.

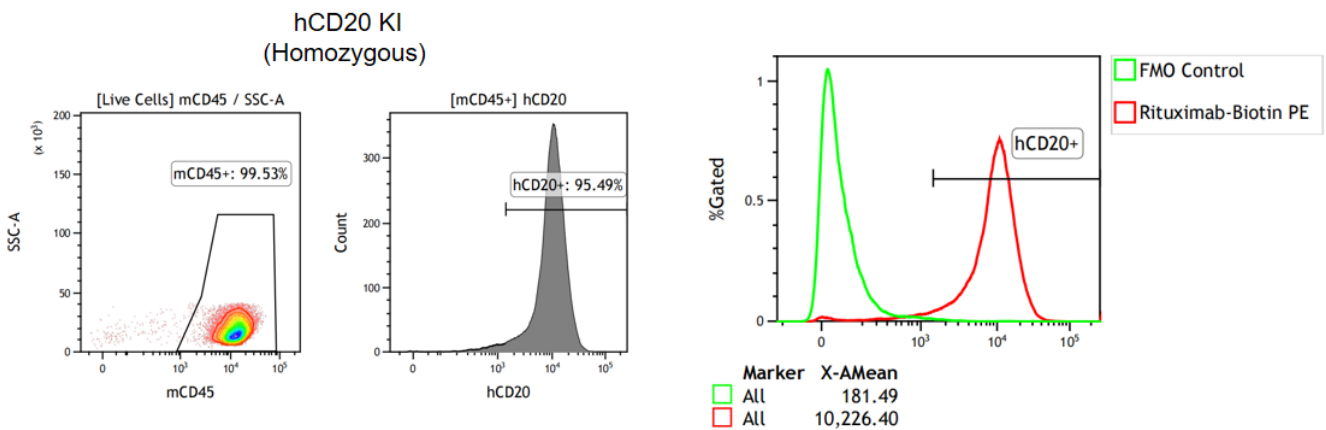


Fig2. Rituximab can bind to lymphocytes of hCD20 knockin mice.