

hC5

Nomenclature	C57BL/6Smoc- <i>Hc</i> ^{em1(hC5)Smoc}
Cat. NO.	NM-HU-2000013
Strain State	Repository Live

Gene Summary

Gene Symbol	Synonyms	C5, He, C5a, Hfib2
	NCBI ID	15139
	MGI ID	96031
	Ensembl ID	ENSMUSG000000026874
	Human Ortholog	C5

Model Description

The endogenous mouse C5a gene was replaced by human C5 gene.

Research Application: Immunotherapy, cancer research, drug screening

*Literature published using this strain should indicate: hC5 mice (Cat. NO. NM-HU-2000013) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

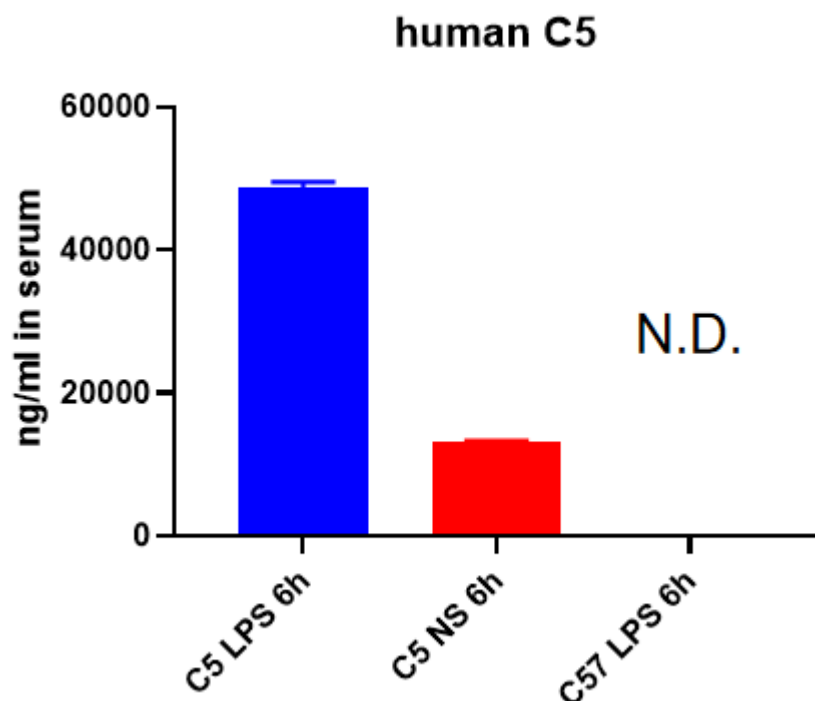


Fig1. Analysis of humanized C5 expression in serum in the humanized C5 mouse by ELISA. The homozygous KI mice express humanized C5 in serum after treated with LPS or NS (3mg/kg, i.p.) for 6 hours.

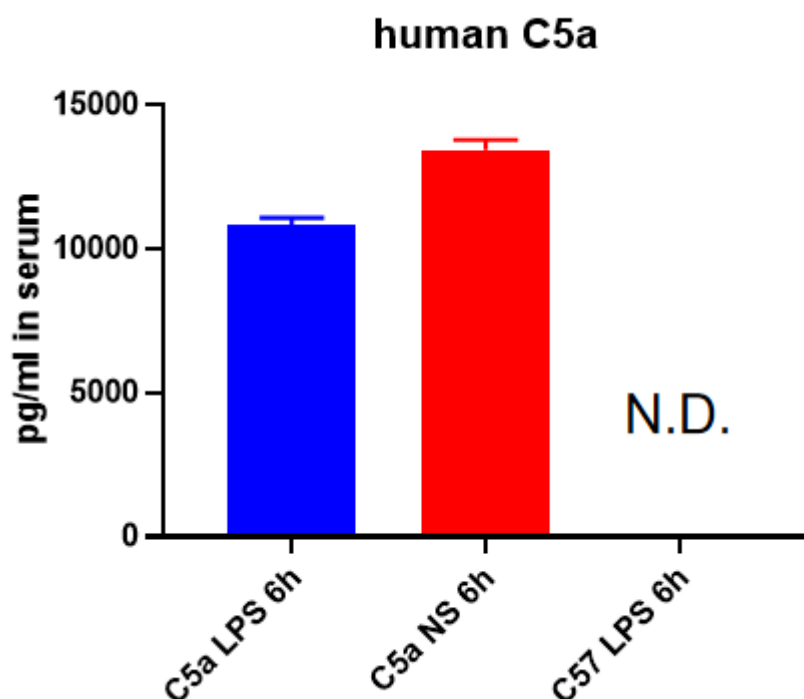


Fig2. Analysis of humanized C5a expression in serum in the humanized C5 mouse by ELISA. The homozygous KI mice express humanized C5a in serum after treated with LPS or NS (3mg/kg, i.p.)

for 6 hours.
