

hLY96

Nomenclature	C57BL/6Smoc- <i>Ly96</i> ^{em1(hLY96)/Smoc}
Cat. NO.	NM-HU-210003
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Ly96	Synonyms	MD2; MD-2; ESOP-1
	NCBI ID	17087
	MGI ID	1341909
	Ensembl ID	ENSMUSG00000025779
	Human Ortholog	LY96

Model Description

The endogenous mice *Ly96* gene was replaced by human *LY96* gene

Research Application: drug screening

*Literature published using this strain should indicate: hLY96 mice (Cat. NO. NM-HU-210003) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

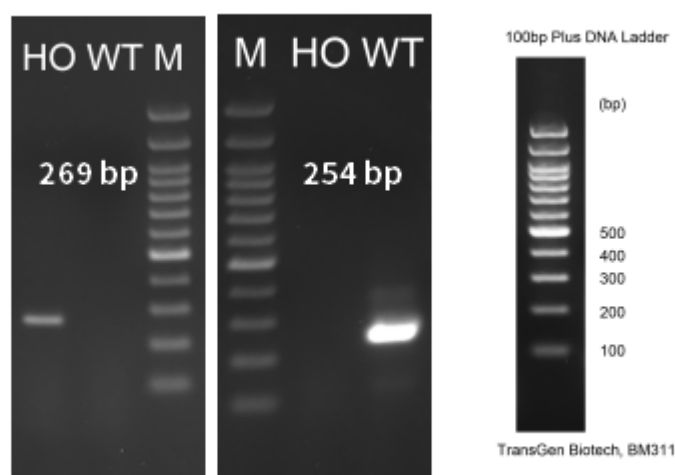


Fig.1 Detection of LY96 expression in bladder by RT-PCR.

Wild type: only one band at 254 bp with primers F1/R1(mLy96);

Homozygous: only one band at 269 bp with primers F2/R2(hLY96);

Abbr. M, DNA marker; HO, homozygous; WT, wild type.

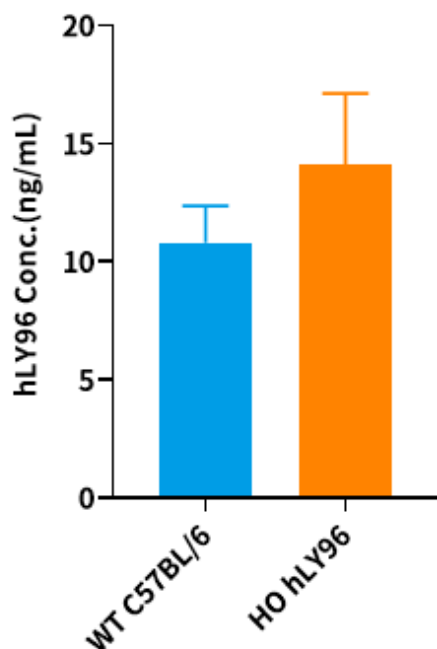


Fig.2 Detection of hLY96 expression in liver homogenate by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

Note. hLY96 and C57BL/6 mice were i.p. injected with LPS.

The human LY96 ELISA kit cross-reacted with mLY96 and humanized LY96.