

# hLY96

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

## Gene Summary

<b>Gene Symbol</b> <b>Ly96</b>	<b>Synonyms</b>	MD2; MD-2; ESOP-1
	<b>NCBI ID</b>	<a href="#">17087</a>
	<b>MGI ID</b>	<a href="#">1341909</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000025779</a>
	<b>Human Ortholog</b>	LY96

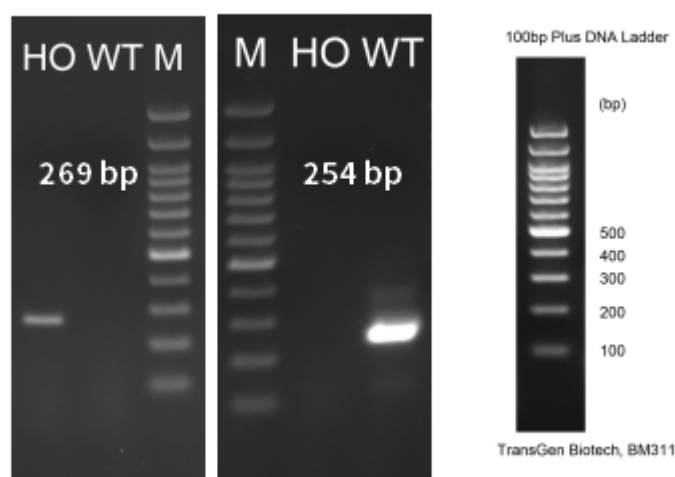
## Model Description

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

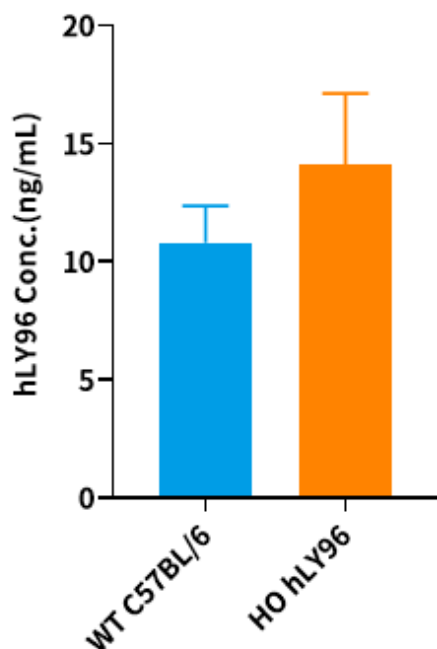


### Fig.1 Detection of LY96 expression in bladder by RT-PCR.

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.