

hHER2

品系全名	C57BL/6Smoc- <i>ErbB2</i> ^{tm1(hERBB2)Smoc}
目录号	NM-HU-200115
品系状态	活体

基因信息

基因名 <i>ErbB2</i>	基因曾用名	Neu; HER2; HER-2; c-neu; ErbB-2; c-erbB2; l11Jus8; mKIAA3023
	NCBI ID	13866
	MGI ID	95410
	Ensembl ID	ENSMUSG00000062312
	人类同源基因	ERBB2

品系描述

通过同源重组，将小鼠*ErbB2*基因进行人源化修饰。

应用领域：免疫相关；肿瘤研究；药物筛选

*使用本品系发表的文献需注明: hHER2 mice (Cat. NO. NM-HU-200115) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

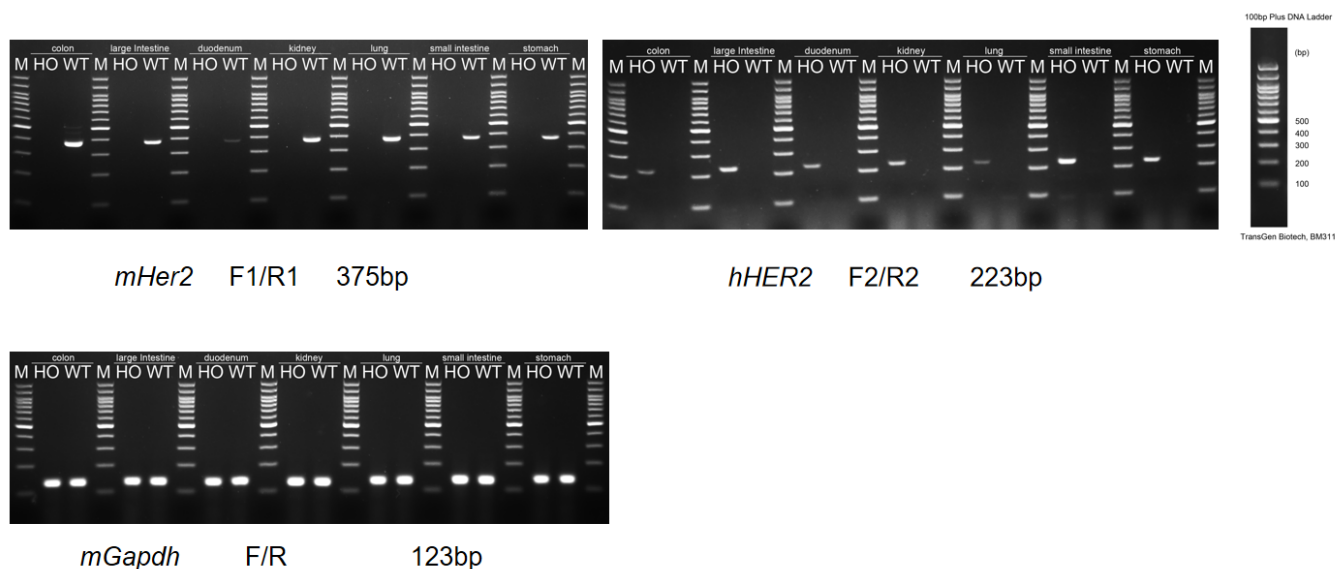


Fig1. Detection of HER2 expression by RT-PCR.

Wild type: only one band at 375 bp with primers F1/R1 (mHer2);

Homozygous: one band at 223 bp with primers F2/R2 (hHER2).

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

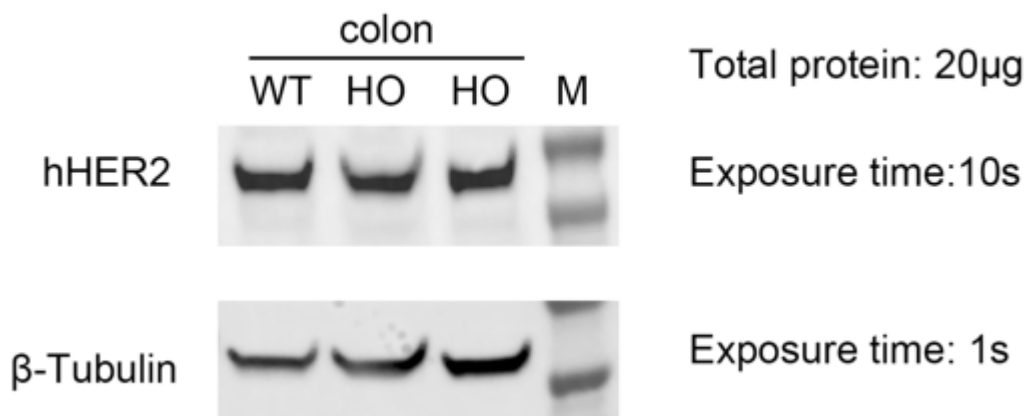


Fig2. Detection of HER2 expression in homozygous hHER2 mice by Western Blot.

(Note: The HER2 antibody cross-reacted with mHER2 and humanized HER2)