

Pd-1-KO

品系全名	C57BL/6Smoc- <i>Pdcd1</i> ^{em3Smoc}
目录号	NM-KO-190423
品系状态	活体

基因信息

基因名 Pdcd1	基因曾用名	PD-1; Pdc1; Ly101
	NCBI ID	18566
	MGI ID	104879
	Ensembl ID	ENSMUSG00000026285
	人类同源基因	PDCD1

品系描述

敲除Pdcd1基因 exon2-4, 获得Pdcd1基因敲除小鼠。

应用领域: 免疫相关

*使用本品系发表的文献需注明: Pd-1-KO mice (Cat. NO. NM-KO-190423) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

膀胱炎 Cystitis	近似模型的表型	MGI:5574062 注: 该品系需与Fcgr2b-KO(3)(NM-KO-210279)交配才可能获得预期表型
	参考文献	Sugino Y, Nishikawa N, Yoshimura K, Kuno S, Hayashi Y, Yoshimura N, Okazaki T, Kanematsu A, Ogawa O, BALB/c-Fcgr2bPdcd1 mouse expressing anti-urothelial antibody is a novel model of autoimmune cystitis. Sci Rep. 2012;2:317

扩张型心肌病 Dilated Cardiomyopathy	近似模型的表型	MGI:3054645
	参考文献	Nishimura H, Okazaki T, Tanaka Y, Nakatani K, Hara M, Matsumori A, Sasayama S, Mizoguchi A, Hiai H, Minato N, Honjo T, Autoimmune dilated cardiomyopathy in PD-1 receptor-deficient mice. Science. 2001 Jan 12;291(5502):319-22
系统性红斑狼疮 Systemic Lupus Erythematosus	近似模型的表型	MGI:3054643
	参考文献	Nishimura H, Minato N, Nakano T, Honjo T, Immunological studies on PD-1 deficient mice: implication of PD-1 as a negative regulator for B cell responses. Int Immunol. 1998 Oct;10(10):1563-72

验证数据

暂无数据