

Fas-KO(BALB/c)

品系全名	BALB/cAnSmoc- <i>Fas</i> ^{em2Smoc}
目录号	NM-KO-191206
品系状态	胚胎冻存

基因信息

基因名 Fas	基因曾用名	lpr, APO1, APT1, CD95, TNFR6, Tnfrsf6, AI196731
	NCBI ID	14102
	MGI ID	95484
	Ensembl ID	ENSMUSG00000024778
	基因标记细胞类型举例	脾脏B细胞、脾脏生发中心B细胞、肾脏血管内皮细胞
	人类同源基因	FAS
	人类同源基因关联疾病	自身免疫性淋巴增生综合症、鳞状细胞癌、淋巴瘤

品系描述

敲除Fas基因exon 2，建立Fas基因敲除小鼠模型。

应用领域：免疫相关

*使用本品系发表的文献需注明: Fas-KO(BALB/c) mice (Cat. NO. NM-KO-191206) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

膜性肾小球肾炎 Membranous Glomerulonephritis	近似模型的表型 MGI:4943704 注：该品系需与Il27ra-KO(NM-KO-190496)交配才可能获得预期表型
	参考文献 Shimizu S, Sugiyama N, Masutani K, Sadanaga A, Miyazaki Y, Inoue Y, Akahoshi M, Katafuchi R, Hirakata H, Harada M, Hamano S, Nakashima H, Yoshida H, Membranous glomerulonephritis development with Th2-type immune deviations in MRL/lpr mice deficient for IL-27 receptor (WSX-1). J Immunol. 2005 Dec 1;175(11):7185-92
系统性红斑狼疮 Systemic Lupus Erythematosus	近似模型的表型 MGI:3665495 注：该品系需与Ccr2-KO(NM-KO-190018)交配才可能获得预期表型
	参考文献 de Lema GP, Maier H, Franz TJ, Escribese M, Chilla S, Segerer S, Camarasa N, Schmid H, Banas B, Kalaydjiev S, Busch DH, Pfeffer K, Mampaso F, Schlondorff D, Luckow B, Chemokine receptor Ccr2 deficiency reduces renal disease and prolongs survival in MRL/lpr lupus-prone mice. J Am Soc Nephrol. 2005 Dec;16(12):3592-601
系统性红斑狼疮 Systemic Lupus Erythematosus	近似模型的表型 MGI:3800222 注：该品系需与Tnfrsf9-KO(2)(NM-KO-210216)交配才可能获得预期表型
	参考文献 Ohta A, Sekimoto M, Sato M, Koda T, Nishimura S, Iwakura Y, Sekikawa K, Nishimura T, Indispensable role for TNF-alpha and IFN-gamma at the effector phase of liver injury mediated by Th1 cells specific to hepatitis B virus surface antigen. J Immunol. 2000 Jul 15;165(2):956-61
系统性红斑狼疮 Systemic Lupus Erythematosus	近似模型的表型 MGI:5478500 注：该品系需与Tlr9-KO(NM-KO-190168)交配才可能获得预期表型
	参考文献 Christensen SR, Shupe J, Nickerson K, Kashgarian M, Flavell RA, Shlomchik MJ, Toll-like receptor 7 and TLR9 dictate autoantibody specificity and have opposing inflammatory and regulatory roles in a murine model of lupus. Immunity. 2006 Sep;25(3):417-28

自身免疫性淋巴增生综合征 Autoimmune Lymphoproliferative Syndrome	近似模型的表型	MGI:2450098
	参考文献	Adachi M, Suematsu S, Suda T, Watanabe D, Fukuyama H, Ogasawara J, Tanaka T, Yoshida N, Nagata S, Enhanced and accelerated lymphoproliferation in Fas-null mice. Proc Natl Acad Sci U S A. 1996 Mar 5;93(5):2131-6

验证数据

暂无数据