

Fas-KO(BALB/c)

系統名	BALB/cAnSmoc- <i>Fas</i> ^{em2Smoc}
SMOC番号	NM-KO-191206
維持形態	Embryo cryopreservation

遺伝子の概要

Gene Symbol Fas	Synonyms	lpr, APO1, APT1, CD95, TNFR6, Tnfrsf6, AI196731
	NCBI ID	14102
	MGI ID	95484
	Ensembl ID	ENSMUSG00000024778
	Human Ortholog	FAS

説明

Exon 2 of Fas gene was deleted to generate Fas knockout mice.

応用分野: Immune-related

*Literature published using this strain should indicate: Fas-KO(BALB/c) mice (Cat. NO. NM-KO-191206) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Systemic Lupus Erythematosus	表現型	MGI:3800222 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Tnfrsf9-KO(2)(NM-KO-210216) mice.
	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

Systemic Lupus Erythematosus	表現型	MGI:5478500 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Tlr9-KO(NM-KO-190168) mice.
	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. <i>Immunity</i> . 2006 Sep;25(3):417-28
Membranous Glomerulonephritis	表現型	MGI:4943704 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Il27ra-KO(NM-KO-190496) mice.
	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). <i>J Immunol</i> . 2005 Dec 1;175(11):7185-92
Systemic Lupus Erythematosus	表現型	MGI:3665495 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Ccr2-KO(NM-KO-190018) mice.
	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. <i>J Am Soc Nephrol</i> . 2005 Dec;16(12):3592-601
Autoimmune Lymphoproliferative Syndrome	表現型	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. <i>Proc Natl Acad Sci U S A</i> . 1996 Mar 5;93(5):2131-6

表現型データ

No data

