

Itgb2-KO

品系全名	C57BL/6Smoc- <i>Itgb2</i> ^{em1Smoc}
目录号	NM-KO-190828
品系状态	胚胎冻存

基因信息

基因名 Itgb2	基因曾用名	2E6, LAD, Cd18, Lfa1, MF17, LCAMB, AI528527
	NCBI ID	16414
	MGI ID	96611
	Ensembl ID	ENSMUSG00000000290
	基因标记细胞类型举例	骨髓Stage I 中性粒细胞、肾脏NK细胞
	人类同源基因	ITGB2
	人类同源基因关联疾病	肺炎、白塞综合症

品系描述

敲除Itgb2基因exon 4，建立Itgb2基因敲除小鼠模型。

应用领域：免疫系统

*使用本品系发表的文献需注明: Itgb2-KO mice (Cat. NO. NM-KO-190828) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

白细胞粘附缺陷1 Leukocyte Adhesion Deficiency 1	近似模型的表型	MGI:2651618
	参考文献	Scharffetter-Kochanek K, Lu H, Norman K, van Nood N, Munoz F, Grabbe S, McArthur M, Lorenzo I, Kaplan S, Ley K, Smith CW, Montgomery CA, Rich S, Beaudet AL, Spontaneous skin ulceration and defective T cell function in CD18 null mice. J Exp Med. 1998 Jul 6;188(1):119-31

银屑病 Psoriasis	近似模型的表型	MGI:3590414
	参考文献	Barlow SC, Collins RG, Ball NJ, Weaver CT, Schoeb TR, Bullard DC, Psoriasiform Dermatitis Susceptibility in Itgb2(tm1Bay) PL/J Mice Requires Low-Level CD18 Expression and at Least Two Additional Loci for Progression to Severe Disease. Am J Pathol. 2003 Jul;163(1):197-202
银屑病 Psoriasis	近似模型的表型	MGI:3590415
	参考文献	Barlow SC, Collins RG, Ball NJ, Weaver CT, Schoeb TR, Bullard DC, Psoriasiform Dermatitis Susceptibility in Itgb2(tm1Bay) PL/J Mice Requires Low-Level CD18 Expression and at Least Two Additional Loci for Progression to Severe Disease. Am J Pathol. 2003 Jul;163(1):197-202

验证数据

暂无数据