

Cdh1-Flox

品系全名	C57BL/6Smoc- <i>Cdh1</i> ^{tm(flox)1Smoc}
目录号	NM-CKO-18016
品系状态	活体

基因信息

基因名 Cdh1	基因曾用名	Um; UVO; Ecad; ARC-1; E-cad; L-CAM; AA960649
	NCBI ID	12550
	MGI ID	88354
	Ensembl ID	ENSMUSG00000000303
	人类同源基因	CDH1

品系描述

flox Cdh1基因exon3。可与组织特异性Cre工具鼠交配，在表达Cre酶的细胞中，条件性敲除 Cdh1基因。该品系带有Neo筛选基因。

*使用本品系发表的文献需注明: Cdh1-Flox mice (Cat. NO. NM-CKO-18016) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

浸润性小叶癌 Invasive Lobular Carcinoma	近似模型的表型	MGI:6296606 注：该品系与Cdh1-Flox(NM-CKO-18016)和Wap-cre工具鼠交配才可能获得预期表型
	参考文献	Derksen PW, Braumuller TM, van der Burg E, Hornsveld M, Mesman E, Wesseling J, Krimpenfort P, Jonkers J, Mammary-specific inactivation of E-cadherin and p53 impairs functional gland development and leads to pleomorphic invasive lobular carcinoma in mice. Dis Model Mech. 2011 May-Jun;4(3):347-58

胃癌 Stomach Cancer	近似模型的表型	MGI:5634400 注：该品系与Smad4-Flox(NM-CKO-18011), P53-Flox(2)(NM-CKO-190067)和Pdx1-cre工具鼠交配才可能获得预期表型
	参考文献	Park JW, Jang SH, Park DM, Lim NJ, Deng C, Kim DY, Green JE, Kim HK, Cooperativity of E-cadherin and Smad4 Loss to Promote Diffuse-Type Gastric Adenocarcinoma and Metastasis. Mol Cancer Res. 2014 Aug;12(8):1088-99

验证数据

暂无数据