

Fcgr2b-KO(3)

Nomenclature	C57BL/6Smoc- <i>Fcgr2b</i> ^{em1Smoc}
Cat. NO.	NM-KO-210279
Strain State	Repository Live

Gene Summary

Gene Symbol Fcgr2b	Synonyms	AI528646; CD32; F630109E10Rik; Fc[g]RII; FcgRII; Fcgr2; Fcgr2a; Fcr-2; Fcr-3; Ly-17; Ly-m20; LyM-1; Lym-1; fcRII
	NCBI ID	14130
	MGI ID	95499
	Ensembl ID	ENSMUSG00000026656
	Human Ortholog	FCGR2B

Model Description

Fcgr2b-KO(3) mice (Stock No.NM-KO-210279) carry a knockout allele derived from the targeted deletion of exon 3-5.Fcgr2b-KO mice (Stock No.NM-KO-00130) carry a knockout allele derived from the targeted deletion of exon 3. Fcgr2b-KO(2) mice (NM-KO-191214) have been pulled from shelves for some reasons.

*Literature published using this strain should indicate: Fcgr2b-KO(3) mice (Cat. NO. NM-KO-210279) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Cystitis	Phenotype(s)	MGI:5574062 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Pd-1-KO(NM-KO-190423) mice.
	Reference(s)	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

Malaria	Phenotype(s)	MGI:2448997
	Reference(s)	Clatworthy MR, Willcocks L, Urban B, Langhorne J, Williams TN, Peshu N, Watkins NA, Floto RA, Smith KG, Systemic lupus erythematosus-associated defects in the inhibitory receptor Fc{gamma}RIIb reduce susceptibility to malaria. Proc Natl Acad Sci U S A. 2007 Apr 24;104(17):7169-74

Validation Data

No data
