

Rbl2-Flox

Nomenclature	C57BL/6Smoc- <i>Rbl2</i> ^{tm1(flox)Smoc}
Cat. NO.	NM-CKO-200029
Strain State	Repository Live

Gene Summary

Gene Symbol Rbl2	Synonyms	Rb2; PRB2; p130; RBR-2
	NCBI ID	19651
	MGI ID	105085
	Ensembl ID	ENSMUSG00000031666
	Human Ortholog	RBL2

Model Description

These mice carry loxP sites flanking exon 2 of Rbl2 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Rbl2 gene.

Research Application: Cancer research

*Literature published using this strain should indicate: Rbl2-Flox mice (Cat. NO. NM-CKO-200029) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Retinoblastoma	Phenotype(s)	MGI:3707432 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Rb1-Flox(NM-CKO-18012) and Pax6-cre mice.
	Reference(s)	MacPherson D, Conkrite K, Tam M, Mukai S, Mu D, Jacks T, Murine bilateral retinoblastoma exhibiting rapid-onset, metastatic progression and N-myc gene amplification. EMBO J. 2007 Feb 7;26(3):784-94

retinoblastoma	Phenotype(s)	MGI:3783528 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Rb1-Flox(NM-CKO-18012) and Nes-cre mice.
	Reference(s)	MacPherson D, Sage J, Kim T, Ho D, McLaughlin ME, Jacks T, Cell type-specific effects of Rb deletion in the murine retina. Genes Dev. 2004 Jul 15;18(14):1681-94

Validation Data

No data