

Mertk-KO

Nomenclature	C57BL/6Smoc- <i>Mertk</i> ^{em15moc}
Cat. NO.	NM-KO-200362
Strain State	Repository Live

Gene Summary

Gene Symbol Mertk	Synonyms	Eyk, Mer, Nyk, nmf12
	NCBI ID	17289
	MGI ID	96965
	Ensembl ID	ENSMUSG00000014361
	Human Ortholog	MERTK

Model Description

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

Research Application: Therapeutic antibody target

*Literature published using this strain should indicate: Mertk-KO mice (Cat. NO. NM-KO-200362) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autoimmune Disease	Phenotype(s)	MGI:2654781 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Axl-KO(NM-KO-200044) and Tyro3-KO(NM-KO-200558) mice.
	Reference(s)	Lu Q, Lemke G, Homeostatic regulation of the immune system by receptor tyrosine kinases of the Tyro 3 family. Science. 2001 Jul 13;293(5528):306-11

Validation Data

No data

