

LSLBRafD594A Mouse

Catalogue number: 151566

Sub-type: Mouse

Images:

Contributor

Inventor: Catrin Pritchard

Institute: University of Leicester

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: LSLBRafD594A Mouse

Alternate name:

Class:

Conjugate:

Description: Mimics the expression of D594ABRAF in human cancer samples. In conjunction with oncogenic G12DKRAS, this mutant induces the development of highly aggressive malignant melanomas. Conditional knockin (Cre-lox) D594A mutation of BRaf

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: A transgenic vector was generated and used to modify the endogenous gene in E14.1a embryonic stem cells by homologous recombination. Targeted ES cells were microinjected into C57BL6 blastocysts and chimaeras were derived. These were bred to C57BL6 mice to obtain germline transmission, from which a colony of heterozygous LSL-BrafD594A mice on the C57BL6 background

were derived.

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Mouse BRAF

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Embryo/Spermatozoa- Dry Ice

Related tools

Related tools:

References

References:

CancerTools.org