LSLBRafD594A Mouse

Catalogue number: 151566
Tool type:

Contributor

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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:

Patient details

Cancer subtype:
Cancer stage/grade:
Biopsy site:
Patient ethnicity:
Treatment history:

Engraftment details

Mice passaged?:
Engraftment site:
Sample type:
Host strain:
Histology:
Genetic data:

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/Spermatoza- Dry Ice

Related tools

Related tools:

References

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