

Raf KI D486A Mouse

Catalogue number: 151475

Sub-type: Mouse

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Raf KI D486A Mouse

Alternate name:

Class:

Conjugate:

Description: Knockin of oncogenic Raf-1D486A; in vivo study of oncogenic Raf-1 mutant, and Ras signalling

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: A Raf-1 targeting vector, encoding Raf-1 with a substitution at residue 486 (D to A) and a loxP flanked resistance cassette, was transfected into 129Ola ES cells. Raf-1 was targeted by homologous recombination with the targeting vector. Correctly targeted ES cells were transfected with a Cre expressing vector to excise the resistance cassette, before injection into C57BL/6 blastocysts. Chimeric offspring were bred with C57BL/6 mice to yield mice heterozygous for the mutant allele.

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Raf1 D486A (oncogenic mutant)

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

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References

References: Twohig et al. 2010. J Neurosci. 30(10):3782-92. PMID: 20220013 ; Wang et al. 2001. Mol Cell Biol. 21(10):3451-61. PMID: 11313471

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