Raf KO Mouse

Catalogue number: 151476
Sub-type: Mouse
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Raf KO Mouse

Alternate name:

Class:
Conjugate:
Description: The Raf-/- embryo phenotype shows defects in vascularisation and placental development as well as increased apoptosis of many tissues.
Purpose:
Parental cell:
Organism:
Tissue:
Model: Knock-Out
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details: Raf-1 targeting vectors, where exons 10-13 were replaced with a resistance marker, were transfected into 129Ola ES cells. Successfully targeted ES cells containing homologous recombination events were selected and injected into blastocysts, Chimeric offspring were mated to MF-1 outbred background and the the C57BL6 inbred strain.
Formulation:
Recommended controls:

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Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Raf1+/- heterozygous knockout

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

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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: MEF RAF1 KO Cell Line

References

References: Kamata et al. 2010. Cancer Res. 70(21):8475-86. PMID: 20978199. ; BRAF inactivation

drives aneuploidy by deregulating CRAF. ; Noble et al. 2008. Mol Cell. 31(6):862-72. PMID: 18922468. ; CRAF autophosphorylation of serine 621 is required to prevent its proteasome-mediated degradation.

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