

K14dNb Mouse

Catalogue number: 151565

Sub-type: Mouse

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: K14dNb Mouse

Alternate name:

Class:

Conjugate:

Description: In vivo study of beta-catenin activation in skin; model for hair growth & follicle formation;

Purpose:

Parental cell:

Organism:

Tissue:

Model: Knock-Out

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: A deltaNbeta-cateninER transgenic vector, containing an N-terminally truncated beta-catenin cDNA fused to the hormone-binding domain of a mutant mouse estragen receptor under the control of the keratin 14 promoter, was injected into fertilised CBA/C57BL6 oocytes. Founders were backcrossed to establish transgenic lines.

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Beta-catenin N-terminal truncation (deltaNbeta-catenin) fused with estrogen receptor (ER)

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: Niemann et al. 2002. Development. 129(1):95-109. PMID: 11782404. ; Expression of DeltaNLeF1 in mouse epidermis results in differentiation of hair follicles into squamous epidermal cysts

and formation of skin tumours.

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