

Jagged1 Floxed Mouse

Catalogue number: 151482

Sub-type: Mouse

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Jagged1 Floxed Mouse

Alternate name:

Class:

Conjugate:

Description: Conditional knockout of Jag1; in vivo studies of tissue-specific Jag1 knockout and Notch signalling

Purpose:

Parental cell:

Organism:

Tissue:

Model: Knock-Out

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: A Jag1 targeting vector, containing a loxP flanked resistance cassette before exon 4 and a loxP site inserted after exon 5, was transfected into 129 ES cells. Properly targeted ES cells containing a homologous recombination event were transfected with a Cre expression vector to excise the resistance cassette, and injected into a C57BL6 blastocyst. Chimeric offspring were mated on a C57BL6 background.

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Jagged1 (Jag1)

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: Brooker et al. 2006. Development. 133(7):1277-86. PMID: 16495313. ; Notch ligands with contrasting functions: Jagged1 and Delta1 in the mouse inner ear. ; Hozumi et al. 2004. Nat Immunol. 5(6):638-44. PMID: 15146182. ; Delta-like 1 is necessary for the generation of marginal zone B cells but not T cells in vivo.

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