

SAP1 Mouse

Catalogue number: 151554

Sub-type: Mouse

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: SAP1 Mouse

Alternate name:

Class:

Conjugate:

Description: In vivo study of SAP-1 knockout; in vivo study of positive T cell selection & development

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: An Elk4 targeting vector, containing a resistance cassette inserted between exons 1 and 4, was transfected into 129 ES cells. Properly targeted ES cells containing a homologous recombination event were selected, cloned and injected into blastocysts. Chimeric offspring were backcrossed to establish heterozygous lines, and interbred to establish homozygous mice.

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes: The SAP-1 mouse demonstrate a phenotype analogous to mutlicentric Castleman disease when maintained in non-sterile housing.SAP-1 mice exhibit abnormalities in T cell populations, resulting from abnormal negative selection during T cell development.

Target details

Target: Elk4 / SAP-1

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: Gupta et al. 2007. Cell. 129(5):957-68. PMID: 17540175. ; Binding of ras to phosphoinositide 3-kinase p110alpha is required for ras-driven tumorigenesis in mice.

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