

p110beta PI3K-D931A (129)

Catalogue number: 158388

Sub-type: Mouse

Images:

Contributor

Inventor: Bart Vanhaesebroeck

Institute: Ludwig Institute for Cancer Research

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: p110beta PI3K-D931A (129)

Alternate name:

Class:

Conjugate:

Description:

Purpose:

Parental cell:

Organism:

Tissue:

Model: Knock-In

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: Knock-in mice in which the endogenous PIK3CB/p110beta PI3K gene is mutated so that it now encodes a p110beta protein with the D931A mutation in the ATP binding site, converting it to a kinase-dead p110beta protein which is expressed at the same level as wild-type p110beta. These mice have been backcrossed onto the sv129 background.

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes: Mice show prenatal partial lethality at at different embryonic stages (see PMID 26132308 for details). Homozygous male mice that are born are infertile with smaller than normal testicles. They cannot produce offspring.

Target details

Target: PIK3CB

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:

CancerTools.org