

# p110beta PI3K-D931A-LacZ

**Catalogue number:** 158391

**Sub-type:** Mouse

**Images:**

## Contributor

**Inventor:** Bart Vanhaesebroeck

**Institute:** Ludwig Institute for Cancer Research ; The University of Edinburgh

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** p110beta PI3K-D931A-LacZ

**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:** An IRES-lacZ-MC1-neo marker/selection cassette, flanked by loxP sites, was inserted after the STOP codon in the last exon (24) of p110beta PI3K / Knock-in with lacZ cassette

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

Have not been characterised in detail as homo- or heterozygous - express lacZ under the control of the p110beta PI3K promotor.

## 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/Spermatoza- Dry Ice

## Related tools

**Related tools:**

## References

**References:** Guillermet-Guibert et al. 2015. PLoS Genet. 11(7):e1005304. PMID: 26132308. ; Kulkarni et al. 2011. Sci Signal. 4(168):ra23. PMID: 21487106.