# Inva3b1 Mouse

**Catalogue number:** 151549
**Sub-type:** Mouse
**Images:**

## Contributor

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**Images:**

## Tool details

***FOR RESEARCH USE ONLY**

**Name:** Inva3b1 Mouse

**Alternate name:**

**Class:**
**Conjugate:**
**Description:** Disease model for psoriasis; in vivo study of human alpha3 and beta1 integrin transgene expression in skin.
**Purpose:**
**Parental cell:**
**Organism:**
**Tissue:**
**Model:**
**Gender:**
**Isotype:**
**Reactivity:**
**Selectivity:**
**Host:**
**Immunogen:**
**Immunogen UNIPROT ID:**
**Sequence:**
**Growth properties:**
**Production details:** Involucrin - integrin transgene expression constructs were injected into fertilized oocytes from F1 hybrid CBAxC57Bl/6 mice. Transgene-positive mice were back-crossed to generate individual founder lines. alpha3 founder line was crossed with beta1 founder line to generate alpha3beta1 line.
**Formulation:**
**Recommended controls:**

**Bacterial resistance:**
**Selectable markers:**
**Additional notes:** Mice present phenotype very similar to human psoriasis disease.

## Target details

**Target:** Alpha3 intergrin, beta1 integrin

**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:** Yang et al. 2018. Exp Mol Med. 50(1):e420. PMID: 29303507. ; Goldman et al. 2016.

Stem Cell Res. 17(1):62-8. PMID: 27240252. ; Ju et al. 2015. Cell Death Dis. 6:e1801. PMID: 26136074. ; Tuhkanen et al. 2009. BMC Cancer. 9:289. PMID: 19695091. ; Nuclear expression of Snail1 in borderline and malignant epithelial ovarian tumours is associated with tumour progression. ; Vincent et al. 2009. Nat Cell Biol. 11(8):943-50. PMID: 19597490. ; A SNAIL1-SMAD3/4 transcriptional repressor complex promotes TGF-beta mediated epithelial-mesenchymal transition. ; Franc et al. 2006. Oncogene. 25(37):5134-44. PMID: 16568079. ; Expression of Snail protein in tumor-stroma interface.