

# Inva2b1 Mouse

**Catalogue number:** 151551

**Sub-type:** Mouse

**Images:**

## Contributor

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**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Inva2b1 Mouse

**Alternate name:**

**Class:**

**Conjugate:**

**Description:** Disease model for psoriasis; in vivo study of human alpha2 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. alpha2 founder line was crossed with beta1 founder line to generate alpha2beta1 line.

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:** Mice present phenotype very similar to human psoriasis disease.

## Target details

**Target:** Alpha2 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:** Owens DM et al, Journal of Cell Science, 2003, v116 pp3783-3791 PMID: 12902406

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