

# Pdgfrb-Cre Mouse

**Catalogue number:** 151534

**Sub-type:** Mouse

**Images:**

## Contributor

**Inventor:** Ralf H. Adams

**Institute:** Cancer Research UK, London Research Institute: Lincoln's Inn Fields

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Pdgfrb-Cre Mouse

**Alternate name:**

**Class:**

**Conjugate:**

**Description:** Cre expressed under Pdgfrb promoter enabling conditional recombine expression in pericytes and smooth vascular muscle cells (tissue-specific loxP knockout/knockin)

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:** Conditional KO

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:** A Pdgfrb-Cre transgene vector, containing a genomic Pdgfrb promoter fragment fused to Cre recombinase and a polyA sequence, was injected into fertilised 129/C57BL6 oocytes. Founder lines were backcrossed to establish transgenic lines on a mixed 129/C57BL6 background.

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Cre recombinase under Pdgfrb promoter

**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:** Takase et al. 1988. J Clin Pathol. 41(3):342-5. PMID: 3360958. ; Takase et al. 1988. J Clin Pathol. 41(3):337-41. PMID: 3360957. ; Monoclonal antibodies to human factor VII: production of

immunodepleted plasma for VII:C assays. ; Monoclonal antibodies to human factor VII: a one step immunoradiometric assay for VII:Ag.

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