

# NC-m6 cell line

**Catalogue number:** 162050

**Sub-type:**

**Images:**

## Contributor

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**Institute:** St. George's University London

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** NC-m6 cell line

**Alternate name:**

**Class:**

**Conjugate:**

**Description:** The nc-m4 and -m6 cell lines are neural crest-like stem cells derived from Dock7m/Dock7m C57BL6/J mice. These lines retain pluripotency, can proliferate indefinitely, and can be differentiated into melanoblasts, melanocytes, pre-Schwann cells, sensory neurons and chondrocytes. These lines may be useful for developmental studies.

**Purpose:**

**Parental cell:**

**Organism:** Mouse

**Tissue:** Skin

**Model:** Immortalised non-cancerous cell lines

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

CancerTools.org

**Selectable markers:**

**Additional notes:**

## Target details

**Target:**

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:** Melanocyte cell biology

**Application notes:**

## Handling

**Format:**

**Concentration:**

**Passage number:**

**Growth medium:** RPMI + Newborn Calf Serum (NCS) (10%) + TPA (2 nM)

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:** liquid N2

**Shipping conditions:**

## Related tools

**Related tools:**

## References

**References:**

CancerTools.org