

# 1BR3 PBRM1 KO5 + PBRM1

**Catalogue number:**

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Jessica Downs, Hugang Feng

**Institute:** The Institute of Cancer Research

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** 1BR3 PBRM1 KO5 + PBRM1

**Alternate name:**

**Class:**

**Conjugate:**

**Description:** 1BR3-hTERT cell line knockout for PBRM1 (clone 5) stably expressing DOX-inducible PBRM1 construct. This cell line was generated using CRISPR-Cas9 engineering to create a loss of function mutation in the indicated subunit of the SWI/SNF chromatin remodelling complex. The cell line was validated using Sanger sequencing, immunofluorescence, and proteomic analysis.

**Purpose:**

**Parental cell:** 1BR3-hTERT

**Organism:** Human

**Tissue:** Skin

**Model:** Genetically modified; immortalised non-cancer cells

**Gender:** Male

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:** Adherent

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:**

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:** Chromatin remodelling biology studies

**Application notes:**

## Handling

**Format:** Frozen

**Concentration:**

**Passage number:**

**Growth medium:** DMEM + 10S + 1% Penicillin/Streptomycin

**Temperature:** 37C

**Atmosphere:** 5% CO2 in air

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:** Liquid Nitrogen

**Shipping conditions:** Dry ice

## Related tools

**Related tools:**

## References

**References:**