

# Anti-deltaNp63 [PANp63-6.1]

**Catalogue number:** 162059

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:**

**Institute:** Moravian Biotechnology

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-deltaNp63 [PANp63-6.1]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Antibody created to detect the deltaN isoform of p63 (deltaNp63) with tumour suppressor role and differentiate from the TA (TAp63) isoforms of the same protein. Binding specificity: Epitope mapping using phage display identified the epitope PSHLIR, which occurs twice within the central region of p63. The antibody recognizes TAp63 and deltaNp63. The antibody does not cross-react with p53 or any p73 isoform tested.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1 kappa

**Reactivity:** Human ; mouse ; rat

**Selectivity:**

**Host:** Mouse

**Immunogen:** PSHLIR sequence of tumour protein p63 (deltaN isoform)

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:** B cell donor: Splenocytes from mouse immunised with recombinant TAp63?,  
Fusion partner: SP2

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** tumour protein p63 lacking the transactivation domain (TA)

**Target alternate names:**

**Target background:** p63 is a transcription factor of the p53 gene family, encoded by the TP63 gene located at chromosome 3q28. p63 exists as N-terminal isoforms that either contain (TAp63) or lack (deltaNp63) the p53-like transactivation domain at the N-terminus. C-terminal isoforms are produced by alternative splicing of 3' exons. TAp63 is involved in germ cell maintenance and myocyte differentiation, and is expressed in some lymphocytes and lymphomas/leukemias.

**Molecular weight:** 72-76 kDa (variable, depending on the p63 isoform present)

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:**

## Related tools

**Related tools:**

## References

References:

*CancerTools.org*