**German Research Products - GRP GmbH** 

In der Stockwiese 26

D-85410 Haag/Amper, Germany

Email: info@grp-ak.de Phone: +49 (0)8167 6335

## **Product Datasheet**

## p63 antibody [N2C1], Internal GRP26

This gene encodes a member of the p53 family of transcription Description

factors. An animal model, p63 -/- mice, has been useful in defining the role this protein plays in the development and maintenance of stratified epithelial tissues. p63 -/- mice have several developmental defects which include the lack of limbs and other tissues, such as teeth and mammary glands, which develop as a result of interactions between mesenchyme and epithelium. Mutations in this gene are associated with ectodermal dysplasia, and cleft lip/palate syndrome 3 (EEC3); split-hand/foot malformation 4 (SHFM4); ankyloblepharon-ectodermal

defects-cleft lip/palate; ADULT syndrome

(acro-dermato-ungual-lacrimal-tooth); limb-mammary syndrome;

Rap-Hodgkin syndrome (RHS); and orofacial cleft 8. Both alternative splicing and the use of alternative promoters results in multiple transcript variants encoding different proteins. Many transcripts encoding different proteins have been reported but the biological validity and the full-length nature of these variants

have not been determined. [provided by RefSeq]

Species/Host Rabbit

Reactivity Human, Mouse, Rat, Dog

Conjugation Unconjugated

ICC, IF, IHC-Fr, IHC-P, IP, WB **Tested Applications** 

**Immunogen** Recombinant protein encompassing a sequence within the cente

region of human p63. The exact sequence is proprietary.

Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 Form/Appearance

was added as a preservative.

0.34 mg/ml Concentration

Storage Store as concentrated solution. Centrifuge briefly prior to opening

vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Note For research use only.

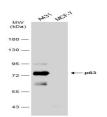
Isotype IgG

Clonality Polyclonal

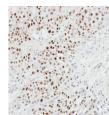
**Purity** Purified by antigen-affinity chromatography.

**Uniprot ID Q9H3D4** 

**Entrez** 8626



Various whole cell extracts (30 ?g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with p63 antibody [N2C1], Internal (GRP478) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunohistochemical analysis of paraffin-embedded SCC4 xenograft, using p63(GRP478) antibody at 1:100 dilution.