

Product Data Sheet

Purified anti-p63 (ΔN)

Catalog # / Size: 619001 / 50 µl (5 Western blots)
 619002 / 200 µl (20 Western blots)

Clone: Poly6190

Isotype: Rabbit IgG

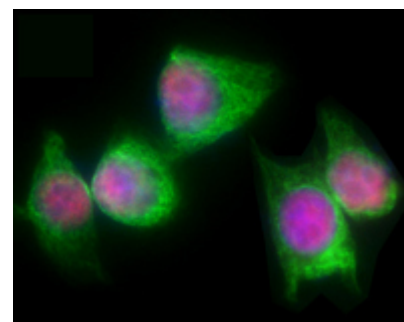
Immunogen: Modified peptide

Reactivity: Human (recognizes ΔN-isoforms)

Preparation: The antibody was purified by antigen-affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

Storage: Upon receipt, store frozen at -20° C.



Immunofluorescent microscope analysis of HeLa cells using anti-p63 ΔN polyclonal antibody (poly6190) (red). a-tubulin (clone 10D8) has been labeled with green and nuclei were stain with DAPI (blue).

Applications:

Applications: WB, IF

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. For immunofluorescence microscopy: Use a dilution range of 1:100–1:400. It is recommended that the reagent be titrated for optimal performance for each application.

Application References:

1. Medawar A, *et al.* 2008. *PLoS ONE* 3:e3441. PubMed
2. Di Girolamo N, *et al.* 2009. *Transplantation*. 87:1571. PubMed
3. Bray LJ, *et al.* 2012. *Biomaterials*. 33:3529. PubMed.

Description: p63 (ΔN) is a member of the p53 family. This protein has multiple isoforms TA p63-α, -β, γ, ΔN p63-α, -β, and -γ. The molecular weights of the p63 isoforms α=66 kD, β=52 kD, and γ=45 kD. This nuclear protein is essential for limb formation, epidermal morphogenesis, and epithelial stem cell regeneration. ΔN isoforms are antagonistic to p53; TA isoforms can transactivate p53 targets. The p63 ΔN isoforms repress TA isoforms; mutant p53 abrogates p63 transactivation. This protein interacts with p53, p73, and the various TA- and ΔN isoforms. The Poly6190 antibody recognizes human p63 ΔN isoforms and has been shown to be useful for Western blotting.

Antigen References:

1. Yang A, *et al.* 1998. *Mol Cell*. 2:305.
2. Celli J, *et al.* 1999. *Cell*. 99:143.
3. Gaiddon C, *et al.* 2001. *Mol Cell Biol*. 21:1874.
4. Benard J, *et al.* 2003. *Hum Mutat*. 21:182.

Related Products:

Product

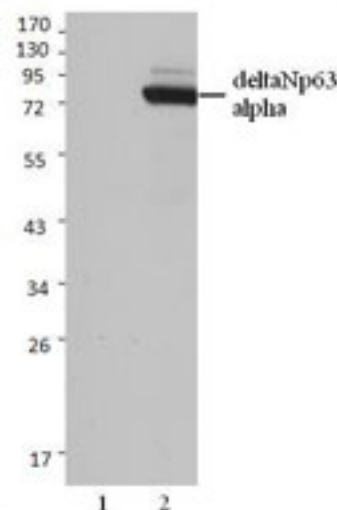
- Purified anti-p53
- Purified anti-p53-Acetylated (Lys305)
- Purified anti-p53-Acetylated (Lys382)
- Purified anti-p63 (TA)
- HRP Donkey anti-rabbit IgG (minimal x-reactivity)

Clone

- Poly6140
- Poly6141
- Poly6142
- Poly6189
- Poly4064

Application

- WB
- WB
- WB
- WB
- ELISA, IHC, WB



Non-transfected 293 cell lysates (Lane 1) and p63 (deltaN) transfected 293 cell lysates (Lane 2) were resolved by electrophoresis, transferred to nitrocellulose, and probed with anti-p63 (deltaN) antibody (clone Poly6190). Proteins were visualized using a donkey anti-rabbit-IgG secondary conjugated to HRP and chemiluminescence detection.



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