Recombinant p63(alpha) Monoclonal Antibody

catalog number: **AN300136P**

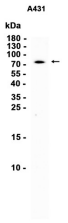
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to the C-terminus of the human p63(alpha p63).
Host	Rabbit
Isotype	IgG
Clone	A1250
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB:	1:1000; IHC-P: 1:200-1:1000; ICC/IF: 1:50; FC: 1:200-1:500; IP: 1:20-1:50

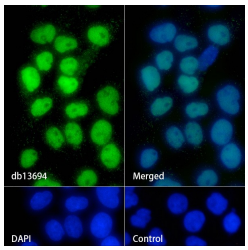
Data



Western blot analysis of extracts from A431 cells at 1:1000.

Observed-MW:77 kDa

Calculated-MW:77 kDa



Immunofluorescence analysis of A431 cells labelling p63. The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (shown in green). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This gene encodes a member of the p53 family of transcription factors. The functional domains of p53 family proteins include an N-terminal transactivation domain, a central DNA-binding domain and an oligomerization domain. Alternative splicing of this gene and the use of alternative promoters results in multiple transcript variants encoding different isoforms that vary in their functional properties. These isoforms function during skin development and maintenance, adult stem/progenitor cell regulation, heart development and premature aging. Some isoforms have been found to protect the germline by eliminating oocytes or testicular germ cells that have suffered DNA damage. 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. [provided by RefSeq, Aug 2016]

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