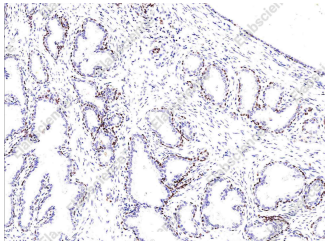
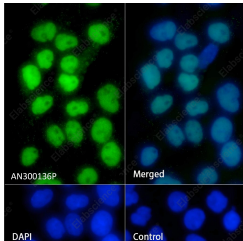


Recombinant p63(alpha) Monoclonal Antibody

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	Rabbit IgG
Clone	C110096
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
WB:	1:1000; IHC-P: 1:200-1:1000; ICC/IF: 1:50; FC: 1:200-1:500; IP: 1:20-1:50

Data	
 Immunohistochemical analysis of paraffin-embedded Human prostate tissue sections using p63(alpha) Antibody (AN300136P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.	 Immunofluorescence analysis of A431 cells labelling p63. 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-lacrimar-tooth); limb-mammary syndrome; Rap-Hodgkin syndrome (RHS); and orofacial cleft 8. [provided by RefSeq, Aug 2016]

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