

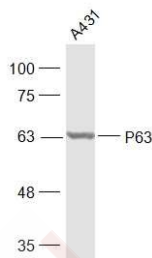
Anti-p63 Polyclonal Antibody

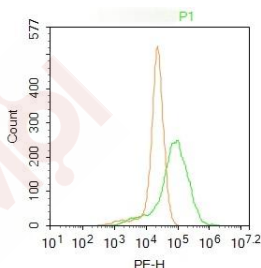
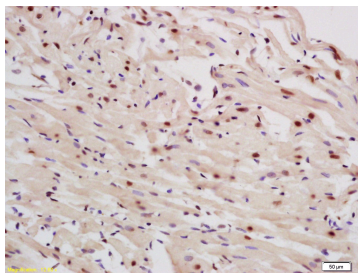
Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Pig,Cow,Horse,Rabbit,Sheep,GuineaPig)
Molecular Weight:	Theoretical: 77 kDa. Actual: 62 kDa.
Purification:	Protein A purified

Applications

1. Sample:
A431 (Human) Cell Lysate at 30 µg
Primary: Anti-P63 (TMAB-01323) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 77 kDa
Observed band size: 62 kDa
2. Tissue/cell: rat heart tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;
Incubation: Anti-P63 protein/P51A Polyclonal Antibody, Unconjugated (TMAB-01323) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.
3. Blank control: A549. Primary Antibody (green line): Rabbit Anti-P63 (TP63) antibody (TMAB-01323)
Dilution: 1 µg/10⁶ cells;
Isotype Control Antibody (orange line): Rabbit IgG.
Secondary Antibody: Goat anti-rabbit IgG-PE
Dilution: 1 µg/test.
- Protocol
The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.





Application: FCM,IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1ug/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human P63 protein

Antigen Species: Human

Gene ID: 8626

Uniprot ID: Q9H3D4

Synonyms: p63;tumor protein p63;OFC8;NBP;TP53L;EEC3;p53CP;B(p51A);B(p51B);AIS;p51;LMS;TP53CP;TP73L;p73L;p40;p73H;RHS;KET;SHFM4

Biology Area: Tumor Suppressors,p53,p53,p53 Pathway,p53 pathway,p53 pathway

Research Background

This gene encodes a member of the p53 family of transcription 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-lacrima-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, Jul 2008].

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