bsm-33422M

[Primary Antibody]

P63 Mouse mAb



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Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)

Reactivity: Human (predicted: Mouse, Rat)

Predicted MW.: 77 kDa

Subcellular Location: Nucleus

Clonality: Monoclonal

GenelD: 8626

CloneNo.: 12G7 SWISS: Q9H3D4

Isotype: IgG1

Target: P63

Purification: affinity purified by Protein G

Concentration: 1mg/ml

Storage: Size : 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 defectscleft lip/palate; ADULT syndrome (acro-dermato-ungual-lacrimaltooth); 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 fulllength nature of these variants have not been determined. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Human esophageal); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (P63) Monoclonal Antibody, Unconjugated (bsm-33422M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human cervical carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (P63) Monoclonal Antibody, Unconjugated (bsm-33422M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.

— SELECTED CITATIONS —

• [IF=4.979] Yongyao Tan. et al. Limbal Bio-engineered Tissue Employing 3D Nanofiber-Aerogel Scaffold to Facilitate

LSCs Growth and Migration. 2022 Jan 12 IF ;Rabbit. 35020979