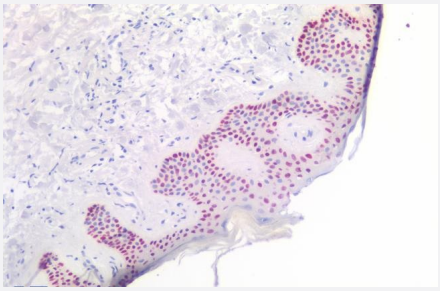
CellTx™

TP63 monoclonal antibody

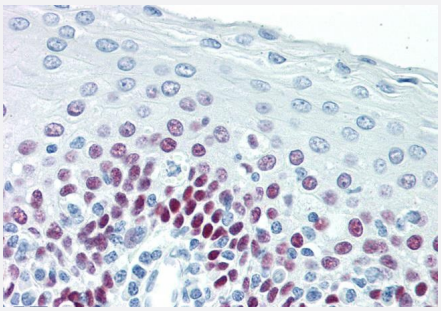
Catalog # MAB23732 Size 50 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Human Skin: Formalin-Fixed, Paraffin-Embedded



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Human Tonsil: Formalin-Fixed, Paraffin-Embedded

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of human TP63.
Immunogen	Synthetic polypeptide corresponding to human TP63.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Affinity purification

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Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200 - 1:400) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50) Western blot (1:200 - 1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Human Skin: Formalin-Fixed, Paraffin-Embedded

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Human Tonsil: Formalin-Fixed, Paraffin-Embedded

- Immunohistochemistry

- Western Blot

Gene Info — TP63

Entrez GeneID	8626
Protein Accession#	Q9H3D4
Gene Name	TP63
Gene Alias	AIS, B(p51A), B(p51B), EEC3, KET, LMS, NBP, OFC8, RHS, SHFM4, TP53CP, TP53L, TP73L, p40, p51, p53CP, p63, p73H, p73L
Gene Description	tumor protein p63
Omim ID	103285 106260 129400 603273 603543 604292 605289
Gene Ontology	Hyperlink

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Gene Summary	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-lacrimal-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
Other Designations	amplified in squamous cell carcinoma|chronic ulcerative stomatitis protein|keratinocyte transcription factor|transformation-related protein 63|tumor protein p53-competing protein|tumor protein p53-like|tumor protein p73-like

Disease

- Adenocarcinoma
- Alzheimer Disease
- Carcinoma
- Cleft Lip
- Cleft Palate
- Cognition Disorders
- Ectodermal Dysplasia
- Genetic Predisposition to Disease
- Lung Neoplasms
- Neoplasm Invasiveness
- Pulmonary Disease
- Syndrome
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome

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