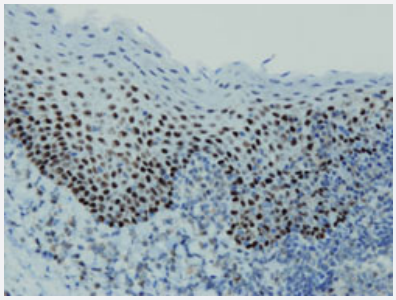
TP63 monoclonal antibody, clone I27-I

Catalog # MAB15972 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with TP63 monoclonal antibody, clone I27-I (Cat # MAB15972).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human TP63.
Immunogen	A synthetic peptide corresponding to internal region of human TP63.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	EVAC purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (20 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	Store at 4°C. Do not freeze.
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)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with TP63 monoclonal antibody, clone I27-I (Cat # MAB15972).

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
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 o f stratified epithelial tissues. p63 -/- mice have several developmental defects which include the la ck of limbs and other tissues, such as teeth and mammary glands, which develop as a result of int eractions between mesenchyme and epithelium. Mutations in this gene are associated with ectod ermal 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-lacri mal-tooth); limb-mammary syndrome; Rap-Hodgkin syndrome (RHS); and orofacial cleft 8. Both al ternative splicing and the use of alternative promoters results in multiple transcript variants encodi ng different proteins. Many transcripts encoding different proteins have been reported but the biol ogical 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 transcripti on factor|transformation-related protein 63|tumor protein p53-competing protein|tumor protein p53 -like|tumor protein p73-like

Publication Reference

- Diagnosis of adenoid cystic carcinoma of the breast using fine-needle aspiration cytology: A case report and review of the literature.

  Ilkay TM, Gozde K, Ozgur S, Dilaver D.

  Diagnostic Cytopathology 2015 Sep; 43(9):722.

  Application: IHC, Human, Human adenoid cystic carcinoma

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