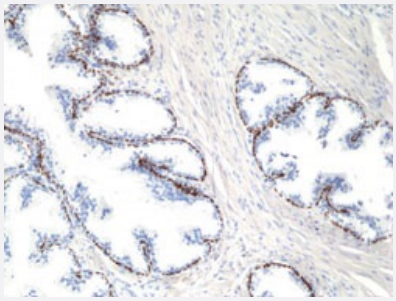
RecomAb™

TP63 monoclonal antibody, clone RM392

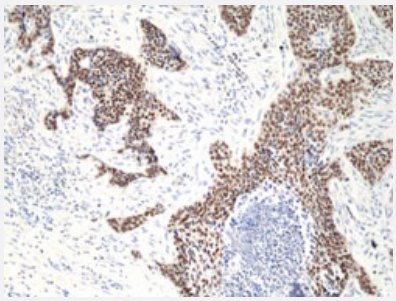
Catalog # MAB23172 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate with TP63 monoclonal antibody, clone RM392 (Cat # MAB23172) at a 1:200 dilution.



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung squamous carcinoma with TP63 monoclonal antibody, clone RM392 (Cat # MAB23172) at a 1:50 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TP63.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to N-terminus of human TP63.
Reactivity	Human
Specificity	This antibody reacts to human TP63 (ΔNp63).
Form	Liquid

Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% 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)

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

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Gene Info — TP63

Entrez GeneID	8626
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 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