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**Product Name: p40 Mouse Monoclonal Antibody****Catalog #: AMM22095**

For research use only.

**Summary**

<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,ELISA
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG2b,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Purification</b>	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

**Application**

<b>Dilution Ratio</b>	IHC 1:50-100;ELISA 1:500-5000
<b>Molecular Weight</b>	Calculated MW:77kDa,Observed MW:77kDa,69kDa

**Antigen Information**

<b>Gene Name</b>	TP63 KET P63 P73H P73L TP73L
<b>Alternative Names</b>	Tumor protein 63;p63;Chronic ulcerative stomatitis protein;CUSP;Keratinocyte transcription factor KET;Transformation-related protein 63;TP63;Tumor protein p73-like;p73L;p40;p51;
<b>Gene ID</b>	Human:8626
<b>SwissProt ID</b>	Human:Q9H3D4
<b>Immunogen</b>	Synthesized peptide derived from human p40 (DeltaNp63) AA range: 1-100

**Background**

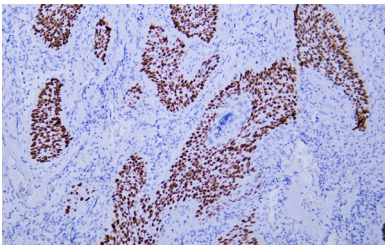
tumor protein p63(TP63) Homo sapiens This gene encodes a member of the p53 family of transcription factors. The functional domains of p53 family proteins include an N-terminal transactivation domain, a central DNA-binding domain and an

oligomerization domain. Alternative splicing of this gene and the use of alternative promoters results in multiple transcript variants encoding different isoforms that vary in their functional properties. These isoforms function during skin development and maintenance, adult stem/progenitor cell regulation, heart development and premature aging. Some isoforms have been found to protect the germline by eliminating oocytes or testicular germ cells that have suffered DNA damage. 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-lacrim

## Research Area

Pathology

## Image Data



Human lung squamous cell carcinoma tissue was stained with Anti-p40 Antibody