

## Mouse anti-Human TP63/p63 Monoclonal Antibody | anti-TP63 antibody

TP63/p63 Mouse anti-Human Monoclonal Antibody

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                             |
|-----------|-------|------------|----------------------------------------------------------|
| AAA163088 | Mouse | Human      | Western Blot, Immunohistochemistry, Immunohistochemistry |

### PRODUCT SYNONYMS

TP63/p63; Monoclonal Antibody; TP63/p63 Mouse anti-Human Monoclonal Antibody; PathPlus TP63/p63 Antibody; TP63; B(p51B); CUSP; AIS; EEC3; KET; NBP; OFC8; p73L; p73H; RHS; SHFM4; LMS; TP53CP; Tumor protein 63; Tumor protein p53-like; Tumor protein p73-like; TP73L; p51; B(p51A); Tumor protein p63; p40; p53CP; p63; TP53L; anti-TP63 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------|
| Host                                           | Mouse                                                                     |
| Reactivity                                     | Human                                                                     |
| Clonality                                      | Monoclonal                                                                |
| Isotype                                        | IgG                                                                       |
| Purity/Purification                            | Affinity purified                                                         |
| Form/Format                                    | PBS, 0.02% Sodium Azide, 50% Glycerol                                     |
| Concentration                                  | 1mg/ml (varies by lot)                                                    |
| Applicable Applications for anti-TP63 antibody | WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry) |
| Target                                         | Human TP63/p63                                                            |
| Immunogen                                      | Synthetic p63                                                             |
| Conjugation                                    | Unconjugated                                                              |
| Family                                         | Apoptosis                                                                 |
| Preparation and Storage                        | Store at -20 degree C for up to 1 year.                                   |

### IMAGES



IHC (Immunohistochemistry)

TP63/p63 Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

TP63/p63 Antibody-Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TP63 antibody | P63 antibody is an unconjugated mouse monoclonal antibody to human p63 (TP63). Validated for IHC and WB. TP63 is a nuclear transcription factor and member of the p53 family that is important for development of epithelial tissues. TP63 is a useful marker for distinguishing squamous cell carcinomas of the lung from adenocarcinomas or small cell carcinomas. TP63 is also expressed in basal epithelia (myoepithelial cells) of a number of tissues, including prostate and breast, and is useful for differentiating between benign (presence of myoepithelia) and malignant glands (lacking myoepithelial cells). The marker has high sensitivity and specificity in both primary and metastatic tumors. TP63 antibodies are often used alongside antibodies to NKX2-1 in immunohistochemistry to identify squamous carcinomas of the lung, head and neck as well as ruling out invasion in breast, prostate, and salivary gland cancers. |
| References                                         | Conde, 2010; Rekhtman, 2011; Kalhor, 2006.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 31543818                                                                                                             |
| NCBI GeneID                      | 8626                                                                                                                 |
| NCBI Accession #                 | NP_003713.3; NP_001108452.1                                                                                          |
| NCBI GenBank Nucleotide #        | NM_003722                                                                                                            |
| UniProt Accession #              | Q9H3D4; O75080; O75195; O75922; O76078; Q6VEG2; Q6VEG3; Q6VEG4; Q6VFJ1; Q6VFJ2; Q6VFJ3; Q6VH20                       |
| Molecular Weight                 | 65,288 Da                                                                                                            |
| NCBI Official Full Name          | tumor protein 63 isoform 1                                                                                           |
| NCBI Official Synonym Full Names | tumor protein p63                                                                                                    |
| NCBI Official Symbol             | TP63                                                                                                                 |
| NCBI Official Synonym Symbols    | AIS; KET; LMS; NBP; RHS; p40; p51; p63; EEC3; OFC8; p73H; p73L; SHFM4; TP53L; TP73L; p53CP; TP53CP; B(p51A); B(p51B) |
| NCBI Protein Information         | tumor protein 63                                                                                                     |
| UniProt Protein Name             | Tumor protein 63                                                                                                     |
| UniProt Gene Name                | TP63                                                                                                                 |
| UniProt Synonym Gene Names       | KET; P63; P73H; P73L; TP73L; p63; CUSP; TP63; p73L                                                                   |
| UniProt Entry Name               | P63_HUMAN                                                                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tp63-p63-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/163088>