

Rabbit anti-Human, Mouse p73 Monoclonal Antibody | anti-p73 antibody

p73 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312242	Rabbit	Human, Mouse	Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

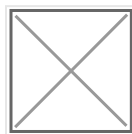
PRODUCT SYNONYMS

p73; Monoclonal Antibody; p73 Antibody; p53 like transcription factor antibody; p53 related protein antibody; p53-like transcription factor antibody; p53-related protein antibody; p73 antibody; P73_HUMAN antibody; TP73 antibody; Tumor protein p73 antibody; anti-p73 antibody

PRODUCT SPECIFICATIONS

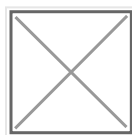
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	ST05-76
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-p73 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



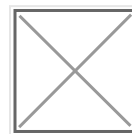
ICC (Immunocytochemistry)

ICC staining p73 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



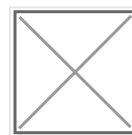
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse skin tissue using anti-p73 antibody. Counter stained with hematoxylin.



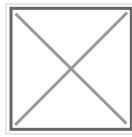
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-p73 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-p73 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of p73 on Hela cell lysates using anti-p73 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-p73 antibody	The p53 gene is a widely studied anti-oncogene, or tumor suppressor gene. The p53 gene product can act as a negative regulator of cell growth in response to DNA damage. Mutations and allelic loss of the p53 gene have been associated with malignant transformation in a wide variety of human tumors. p53 shares considerable sequence similarity with p73, a gene that maps to a region in chromosome 1 that is frequently deleted in neuroblastomas. However, p73 does not appear to be activated by DNA damaging agents. The p73 isoform p73alpha inhibits drug-induced apoptosis in small cell lung carcinoma cells, while the p73 isoform p73beta promotes it. p73alpha also prevents Bax activation, mitochondrial dysfunction, caspase activation and is able to reduce apoptosis induced by the BH3-only protein PUMA (p53 upregulated modulator of apoptosis). There is an equilibrium between p73alpha and p73beta, demonstrated by the fact that p73alpha inhibits the pro-apoptotic effect of p73beta.
Product Categories/Family for anti-p73 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	187828902
NCBI GeneID	7161
NCBI Accession #	NP_001119712.1
NCBI GenBank Nucleotide #	NM_001126240.2
UniProt Accession #	O15350; O15351; Q17RN8; Q5TBV5; Q5TBV6; Q8NHW9; Q8TDY5; Q8TDY6; Q9NTK8; B7Z7J4; B7Z9C1
Molecular Weight	69,623 Da
NCBI Official Full Name	tumor protein p73 isoform b
NCBI Official Synonym Full Names	tumor protein p73
NCBI Official Symbol	TP73
NCBI Official Synonym Symbols	P73
NCBI Protein Information	tumor protein p73; p53-related protein; p53-like transcription factor
UniProt Protein Name	Tumor protein p73
UniProt Gene Name	TP73
UniProt Synonym Gene Names	P73
UniProt Entry Name	P73_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/p73-antibody-clone-st05-76-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/312242>