

Mouse anti-Human p53 Monoclonal Antibody | anti-p53 antibody

p53 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA276790	Mouse	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

p53; Monoclonal Antibody; p53 Mouse mAb; Antigen NY CO 13; Cellular tumor antigen p53; FLJ92943; LFS1; Phosphoprotein p53; TP53; TRP53; tumor protein p53; Tumor suppressor p53; anti-p53 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-p53 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



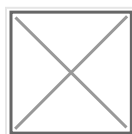
WB (Western Blot)

Western blot analysis of extracts from Huh7 using p53 diluted at 1:2,000.



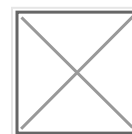
IF (Immunofluorescence)

IF analysis of Hela with EM1052(Left) and DAPI (Right) diluted at 1:100.



IHC (Immunohistochemistry)

IHC staining of Human colon cancer tissue paraffin-embedded with p53 mouse mAb(6C4) diluted at 1:200.



WB (Western Blot)

Western blot analysis of 293T, with p53 mAb diluted at 1) 1:1,000 2) 1:2,000

ADDITIONAL INFORMATION

Related Product Information for anti-p53 antibody

p53 plays a major role in the cellular response to DNA damage and other genomic aberrations. The activation of p53 can lead to either cell cycle arrest and DNA repair, or apoptosis. p53 is phosphorylated at multiple sites in vivo and by several different protein kinases in vitro.

Product Categories/Family for anti-p53 antibody	Cytoplasm; Cytoplasm; Nucleus
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120407068
NCBI GeneID	7157
NCBI Accession #	NP_000537.3
NCBI GenBank Nucleotide #	NM_000546.5
UniProt Accession #	P04637; Q15086; Q15087; Q15088; Q16535; Q16807; Q16808; Q16809; Q16810; Q16811; Q16848; Q2XN98
Molecular Weight	43,653 Da
NCBI Official Full Name	cellular tumor antigen p53 isoform a
NCBI Official Synonym Full Names	tumor protein p53
NCBI Official Symbol	TP53
NCBI Official Synonym Symbols	P53; BCC7; LFS1; TRP53
NCBI Protein Information	cellular tumor antigen p53; antigen NY-CO-13; phosphoprotein p53; p53 tumor suppressor; transformation-related protein 53
UniProt Protein Name	Cellular tumor antigen p53
UniProt Gene Name	TP53
UniProt Synonym Gene Names	P53
UniProt Entry Name	P53_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/p53-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/276790>