

Mouse anti-Human p53 Monoclonal Antibody | anti-TP53 antibody

Anti-p53 antibody (monoclonal)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44894	Mouse	Human	Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

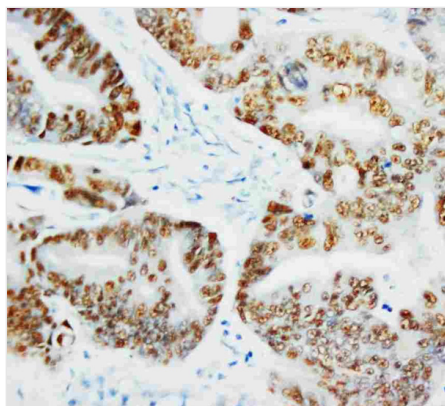
PRODUCT SYNONYMS

p53; Monoclonal Antibody; Anti-p53 antibody (monoclonal); Cellular tumor antigen p53; tumor protein p53; LFS1; TRP53; Li-Fraumeni syndrome; TRANSFORMATION-RELATED PROTEIN 53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53; anti-TP53 antibody

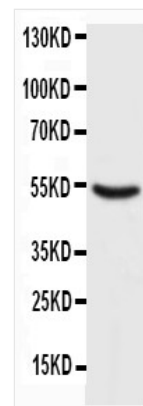
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	IMD-53
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	393
Applicable Applications for anti-TP53 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant human wild-type p53 protein.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-p53 antibody (monoclonal), AAA44894, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-p53 antibody (monoclonal), AAA44894, Western blottingWB: HL-60 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-TP53 antibody	Description: Mouse IgG monoclonal antibody for p53, tumor protein p53 (TP53) detection. Tested with WB, IHC-P, IHC-F, ICC in Human. No cross reactivity with other proteins. Uniprot ID: P04637 Background: The p53 tumor antigen is found in increased amounts in a wide variety of transformed cells. The protein is also detectable in many actively proliferating, nontransformed cells, but it is undetectable or present at low levels in resting cells. This protein induces cell cycle arrest or apoptosis in response to sublethal or severe DNA damage, respectively, by differential transcription of target genes and through transcription-independent apoptotic functions. The p53 protein contains 393 amino acids. Human p53 tumour antigen is Located to band 17p13. p53 mutations are common in pancreatic cancer and are absent in chronic pancreatitis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	269849759
NCBI GeneID	7157
UniProt Accession #	P04637; Q15086; Q15087; Q15088; Q16535; Q16807; Q16808; Q16809; Q16810; Q16811; Q16848; Q2XN98
Molecular Weight	24,401 Da
NCBI Official Full Name	Cellular tumor antigen p53
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; tumor protein 53; phosphoprotein p53; p53 tumor suppressor; mutant tumor protein 53; 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.