

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

TP53 (Tumor Suppressor p53, Cellular Tumor Antigen p53, TRP53, Antigen NY-CO-13, BCC7, LFS1, Phosphoprotein p53) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25278	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

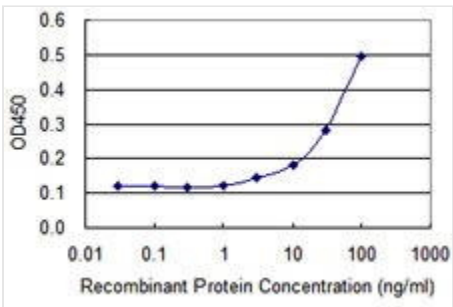
PRODUCT SYNONYMS

TP53; Monoclonal Antibody; TP53 (Tumor Suppressor p53; Cellular Tumor Antigen p53; TRP53; Antigen NY-CO-13; BCC7; LFS1; Phosphoprotein p53) (FITC); anti-TP53 antibody

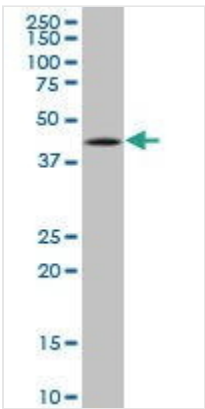
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2C11
Specificity	Recognizes human TP53.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-TP53 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 6ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa94-201 from human TP53 (AAH03596) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	SSSVPSQKTYQGSYGFRGLGFLHSGTAKSVTCTYSPALNKMFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKQSQHMEVVRRCPPHHERCSDSDGLAPF
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in PBS. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

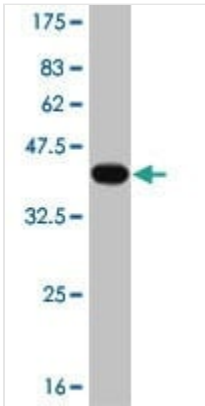
IMAGES



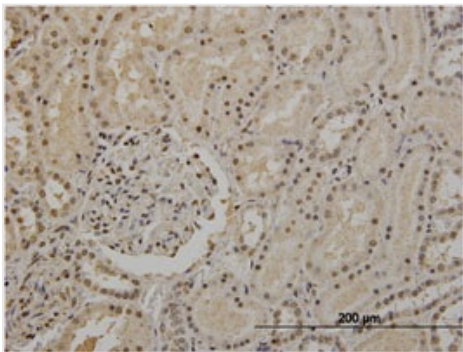
Application Data
Detection limit for recombinant GST tagged TP53 is approximately 3ng/ml as a capture antibody.



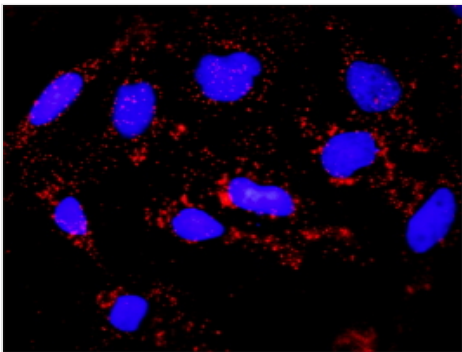
WB (Western Blot)
TP53 monoclonal antibody, Western Blot analysis of TP53 expression in A-431.



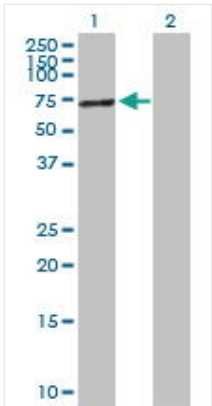
WB (Western Blot)
Western Blot detection against Immunogen (37.62kD).



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to TP53 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 6ug/ml]



Application Data
Proximity Ligation Analysis of protein-protein interactions between TP53 and BAX. HeLa cells were stained with TP53 rabbit purified polyclonal 1:1200 and BAX mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



WB (Western Blot)
Western Blot analysis of TP53 expression in transfected 293T cell line by TP53 monoclonal antibody. Lane 1: TP53 transfected lysate (43.34kD) Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TP53 antibody	Antibodies; Cancer Markers
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13097806
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	Homo sapiens tumor protein p53, mRNA
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
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/tp53-antibody-clone-2c11-immunohistochemistry-western-blot-elisa/25278>