Anti-Phospho-p53 (Ser392) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R013795

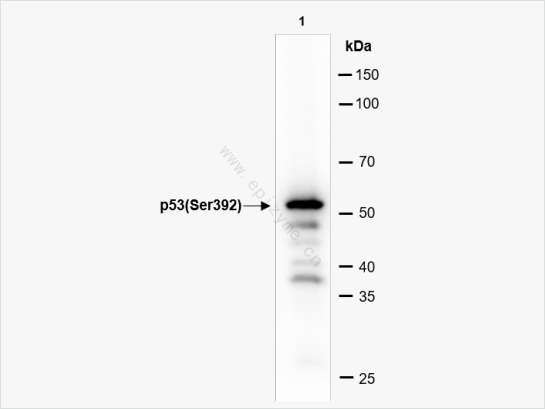
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	42M92C19
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser392 of human p53
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-p53 (Ser392) Rabbit mAb [42M92C19] is for research use only and not for use in diagnostic or therapeutic procedures.

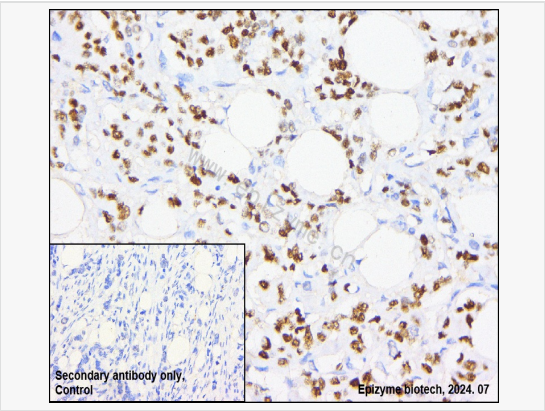
Protein Information

Synonyms	BCC7, LFS1, TRP53, P53 (phospho S392), p-Phospho-p53 (Ser392), Widespread p53, Wtp53, Antigen NY-CO-13, Cellular tumor antigen p53, Cys 51 Stop, HGNC11998, p53 Cellular Tumor Antigen, p53 Tumor Suppressor, Phosphoprotein p53, TP53, Transformation related protein 53, Tumor protein p53.
Calculated MW	53 kDa
Uniprot ID	P04637
Gene ID	7157
Background	This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons from identical transcript variants (PMIDs: 12032546, 20937277). [provided by RefSeq, Dec 2016]

Validation Images



Western Blot - Anti-Phospho-p53 (Ser392) Rabbit mAb [42M92C19]
All lanes: R013795 at 1:1,000 dilution
Lane 1: SW620 (human colorectal carcinoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 53 kDa
Observed band size: 53 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Phospho-p53 (Ser392) Rabbit mAb [42M92C19]
Sample: Paraformaldehyde-fixed, paraffin embedded human breast carcinoma tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R013795 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.