phospho-P53 (Ser392) Recombinant Rabbit mAb

BN42100R

DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 3A1
GeneID: 7157
SWISS: P04637
Target: P53 (Ser392)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human p53 around the phosphorylation site of Ser392: PD(p-S)D.
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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 (PMIDs: 12032546, 20937277). [provided by RefSeq, Feb 2013].

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:50-200)

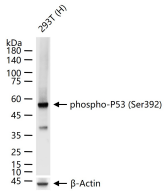
Reactivity: Human, Mouse, Rat

Predicted MW.: 43 kDa

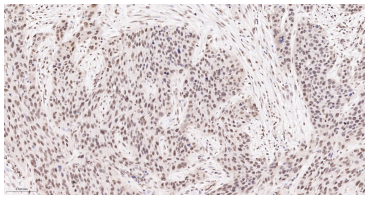
Observed MW.: 53 kDa

Subcellular Location: Cytoplasm ,Nucleus

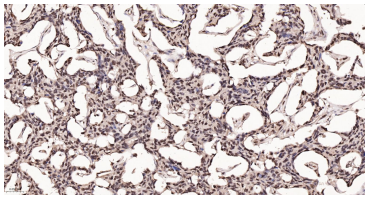
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with phospho-P53 (Ser392) monoclonal antibody, unconjugated at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Esophageal Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with phospho-P53 (Ser392) (Ser392) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by conjugation to the HRP and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with phospho-P53 (Ser392) Monoclonal Antibody, Unconjugated at 1:200 overnight at 4°C, followed by conjugation to the HRP and DAB staining.