

## Anti-P53/TP53 Antibody (Monoclonal, 32T47)

Catalog Number: M00001-8

### About Tp53

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.

### Overview

Product Name	Anti-P53/TP53 Antibody (Monoclonal, 32T47)
Reactive Species	Mouse
Description	Boster Bio Anti-P53/TP53 Antibody (Monoclonal, 32T47) catalog # M00001-8. Tested in WB, ICC/IF, IP applications. This antibody reacts with Mouse.
Application	IP, IF, ICC, WB
Clonality	Monoclonal 32T47
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P02340

### Technical Details

Immunogen	Recombinant protein within mouse p53 protein.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunocytochemistry/Immunofluorescence, 1:50-200

ImmunoPrecipitation, 1:50

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-P53/TP53 Antibody (Monoclonal, 32T47)

For Research Use Only. Not for use in diagnostic procedures.