

## p53 Rabbit mAb

Catalog No: #58601

Package Size: #58601-1 50ul #58601-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

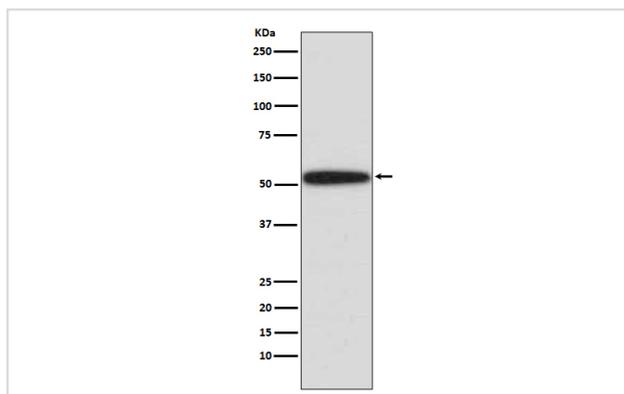
## Description

Product Name	p53 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP
Species Reactivity	Human
Specificity	p53 Antibody detects endogenous levels of total p53
Immunogen Description	A synthesized peptide derived from human p53
Other Names	Cellular tumor antigen p53; Phosphoprotein p53; TP53; Tumor suppressor p53;
Accession No.	Uniprot:P04637
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

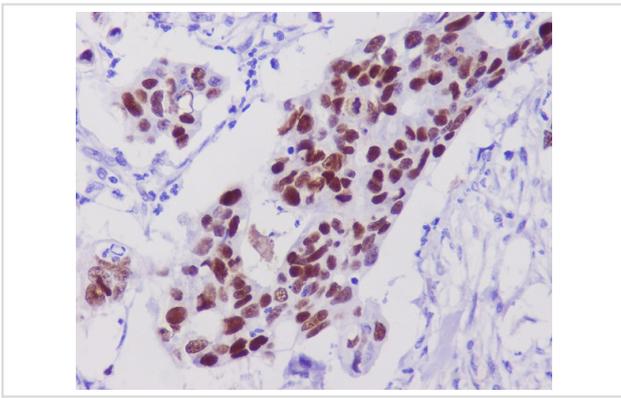
## Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50

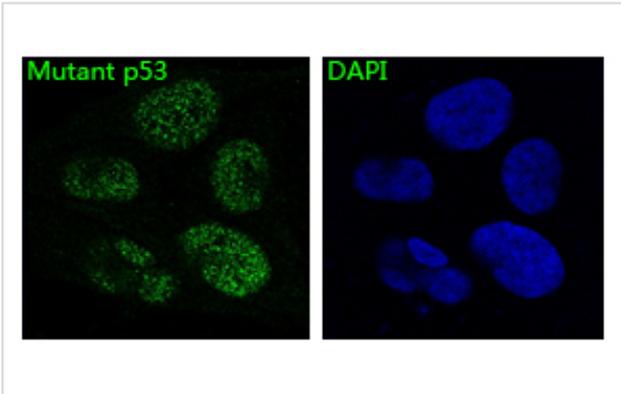
## Images



Western blot analysis of p53 expression in T47D cell lysate.



Immunohistochemical analysis of paraffin-embedded human colon cancer, using p53 Antibody.



Immunofluorescent analysis of HeLa cells, using p53 Antibody

## Product Description

Plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains. It is postulated to bind as a tetramer to a p53-binding site and activate expression of downstream genes that inhibit growth and/or invasion, and thus function as a tumor suppressor.

## Background

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Note: This product is for in vitro research use only