

**Product Name: Phospho-p53 (T55) (15G3) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe05960**

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## Summary

<b>Production Name</b>	Phospho-p53 (T55) (15G3) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phospho Antibody
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	
<b>Alternative Names</b>	Antigen NY-CO-13; TP53; Tumor suppressor p53; Cellular tumor antigen p53; Phosphoprotein p53
<b>Gene ID</b>	
<b>SwissProt ID</b>	P04637.

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000
<b>Molecular Weight</b>	53kDa

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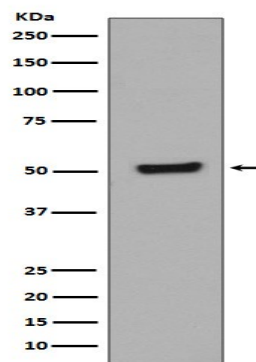
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## Background

Plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. 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.

## Research Area

## Image Data



Western blot analysis of Phospho-p53 (T55) in HEK293 cell lysates treated with Calyculin A and Okadaic Acid.

## Note

For research use only.