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

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<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

**Application**

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

**Antigen Information**

<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
<b>Immunogen</b>	A synthetic phosphopeptide corresponding to residues surrounding Thr55 of human p53

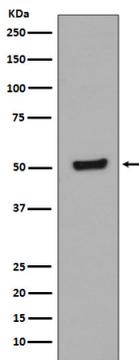
**Background**

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

Cell Biology

## Image Data



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