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**Product Name: p53 (15W6) Rabbit Monoclonal Antibody****Catalog #: AMRe15639**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<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 1:1000-1:5000,IHC 1:50-1:100,ICC/IF 1:100-1:200,FC 1:200-1:2000,IP 1:20-1:50
<b>Molecular Weight</b>	53kDa

**Antigen Information**

<b>Gene Name</b>	
<b>Alternative Names</b>	Cellular tumor antigen p53; Phosphoprotein p53; TP53; Tumor suppressor p53;
<b>Gene ID</b>	
<b>SwissProt ID</b>	P04637
<b>Immunogen</b>	A synthetic peptide of human p53

**Background**

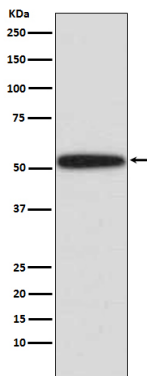
Plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. p53 is a DNA-binding protein

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.

## Research Area

Cell Biology

## Image Data



Western blot analysis of p53 expression in T47D cell lysate.