

## Summary

<b>Production Name</b>	p53 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, IHC-P, ICC/IF, FC, IP
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<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>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	p53
<b>Alternative Names</b>	P53; BCC7; LFS1; TRP53
<b>Gene ID</b>	7157
<b>SwissProt ID</b>	P04637.

## Application

<b>Dilution Ratio</b>	WB: 1:1000-1:5000 IHC-P: 1:50 ICC/IF: 1:100 FC: 1:200-1:2000 IP: 1:20
<b>Molecular Weight</b>	Calculated MW:44 kDa; Observed MW:53 kDa

## Background

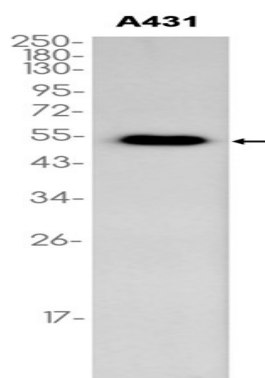
**Product Name: p53 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe87631**



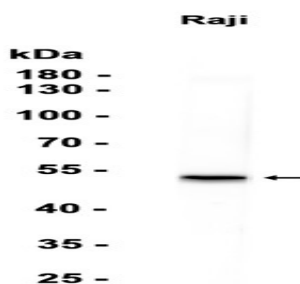
This gene encodes tumor protein p53, which responds to diverse cellular stresses to regulate target genes that induce cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. p53 protein is expressed at low level in normal cells and at a high level in a variety of transformed cell lines, where it's believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing transcription activation, DNA-binding, and oligomerization domains. It is postulated to bind to a p53-binding site and activate expression of downstream genes that inhibit growth and/or invasion, and thus function as a tumor suppressor. Mice deficient for this gene are developmentally normal but are susceptible to spontaneous tumors. Evidence to date shows that this gene contains one promoter, in contrast to alternative promoters of the human gene, and transcribes a few of splice variants which encode different isoforms, although the biological validity or the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from A431 cells using AMRe87631 at 1:1000.



Western blot analysis of extracts from Raji cells using AMRe87631 at 1:1000.

## Note

For research use only.

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