

# Recombinant p53 Monoclonal Antibody

Catalog Number: E-AB-81592

1 Publications



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

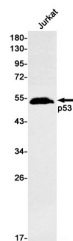
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant protein of human p53
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R07-6A7
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

## Applications Recommended Dilution

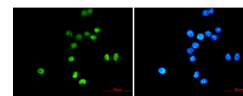
<b>WB</b>	1:500-1:1000
<b>IF</b>	1:20-1:100

## Data



Western blot detection of p53 in Jurkat cell lysates using p53 Rabbit mAb(1:500 diluted). Predicted band size: 44kDa. Observed band size: 53kDa.

**Observed Mw: 53kDa**  
**Calculated Mw: 44kDa**



Immunofluorescence of p53 (green) in MCF-7 using p53 antibody at dilution 1:20, and DAPI (blue)

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

TP53, also named as P53 and NY-CO-13, belongs to the p53 family. It has 9 isoforms. In SDS-Page, the MW is about 53kd. TP53 acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological circumstances and cell type. It is involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. The antibody reacts specifically with 53 kDa protein.

## For Research Use Only

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