

For Research Use Only

# P53 Monoclonal antibody

Catalog Number: 60283-1-Ig

Featured Product

23 Publications



## Basic Information

<b>Catalog Number:</b> 60283-1-Ig	<b>GenBank Accession Number:</b> BC003596	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul, Concentration: 673 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7157	<b>CloneNo.:</b> 2D2F10
<b>Source:</b> Mouse	<b>Full Name:</b> tumor protein p53	
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 44 kDa	
<b>Immunogen Catalog Number:</b> AG0698		

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
IF, IHC, IP, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, rat, mouse

## Background Information

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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Fang Wu	34535139	Cancer Cell Int	WB
Kun Lu	29285195	Oncol Lett	IF
Xi Chen	33174023	Mol. Med Rep	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data