

For Research Use Only

# P53 Monoclonal antibody

Catalog Number: 60283-1-Ig

Featured Product

20 Publications



## Basic Information

Catalog Number:

60283-1-Ig

Size:

150ul, Concentration: 673 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0698

GenBank Accession Number:

BC003596

GeneID (NCBI):

7157

Full Name:

tumor protein p53

Calculated MW:

44 kDa

Purification Method:

Protein G purification

CloneNo.:

2D2F10

## Applications

Tested Applications:

ELISA

Cited Applications:

IF, IHC, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

## 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
Kun Lu	29285195	Oncol Lett	IF
Xi Chen	33174023	Mol Med Rep	WB
Guoqiong Lei	33824865	Can J Gastroenterol Hepatol	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

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)

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W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data