

For Research Use Only

P53 Monoclonal antibody

Catalog Number: 60283-1-Ig

Featured Product

27 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

UNIPROT ID:

P04637

Full Name:

tumor protein p53

Calculated MW:

44 kDa

Purification Method:

Protein G purification

CloneNo.:

2D2F10

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC, IF, IP

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
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:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data