

p53 Mouse Monoclonal Antibody

Catalog No: #38007

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Description

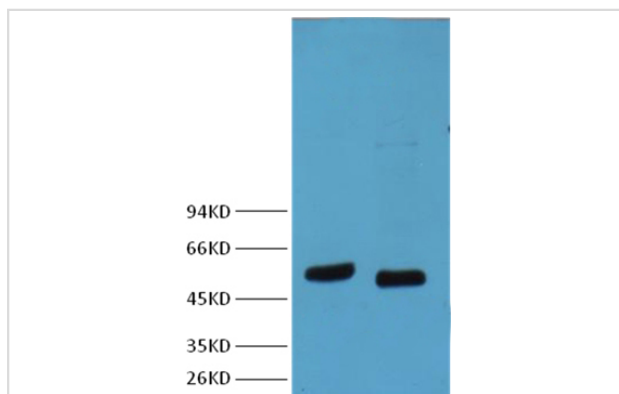
Product Name	p53 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	6C4
Purification	Affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	p53 Mouse monoclonal antibody detects endogenous p53 proteins.
Target Name	p53
Other Names	Tumor suppressor p53; Phosphoprotein p53; Antigen NY-CO-13
Accession No.	Swiss-Prot#:P04637
SDS-PAGE MW	53kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

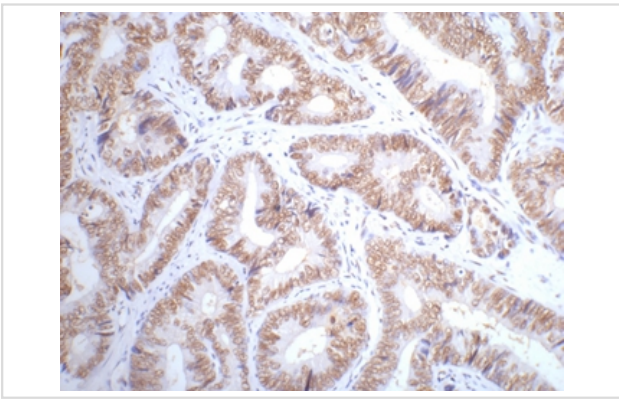
Western blotting: 1:2000

Immunohistochemistry: 1:200

Images



Western blot analysis of 293T, using #38007 diluted at 1:1,000 (left lane) and 1:2,000 (right lane).



IHC staining of paraffin-embedded Human colon cancer tissue with p53 mouse mAbB£B'6C4B£B©diluted at 1:200.

Background

p53 plays a major role in the cellular response to DNA damage and other genomic aberrations. The activation of p53 can lead to either cell cycle arrest and DNA repair, or apoptosis. p53 is phosphorylated at multiple sites in vivo and by several different protein kinases in vitro.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.