



ELK Biotechnology

p53 Mouse mAb

Catalog NO.: EM1052

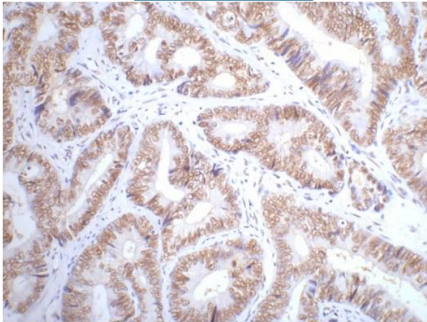
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Overview

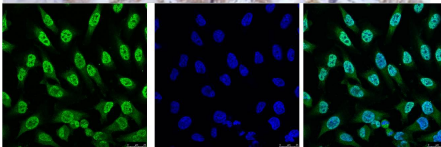
Product name	p53 Mouse Monoclonal antibody
Source	Mouse
Applications	WB IHC IF
Species reactivity	Human
Recommended dilutions	WesternBlot:1/2000 Immunohistochemistry:1/200 Immunofluorescence:1/100-200 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	53kDa
GeneID (Human)	7157
Human Swiss-Prot No.	P04637
Cellular localization	Cytoplasm; Cytoplasm. Nucleus
Alternative Names	Antigen NY CO3 Cellular tumor antigen p53 FLJ92943 LFS1 Phosphoprotein p53 TP53 TRP53 tumor protein p53 Tumor suppressor p53
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.



Western blot analysis of 293T with p53 mAb diluted at:1000 2):2000



IHC staining of Human colon cancer tissue paraffin-embedded with p53 mouse mAb (6C4) diluted at:200.



IF analysis of HeLa with EM1052(Left) and DAPI (Right) diluted at:100.

Western blot analysis of extracts from Huh7 using p53 diluted at 1:2000.

