

p53 Mouse Monoclonal Antibody (6C4)

Catalog No: RA10245

Basic Information

Host species	Mouse
Applications	WB, IHC, IF
Species Cross-Reactivity	H
Specificity	p53 Mouse monoclonal antibody detects endogenous p53 proteins.
Recommended dilutions	WB: 1:2,000 IHC: 1:200 IF: 1:100-200 Optimal dilutions should be determined by the end user.

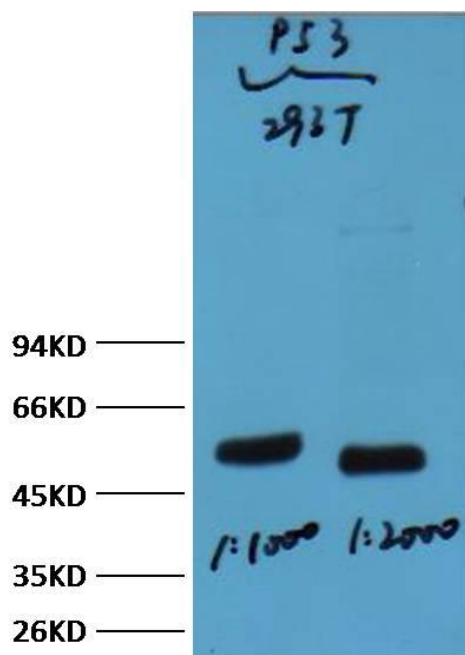
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

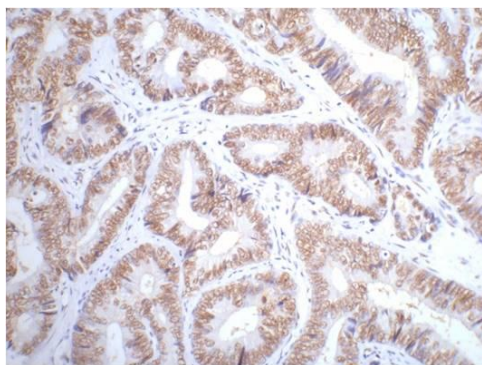
Background

Alternative Names	
Observed band	53
Human Gene ID	7157
Human Swiss-Prot Number	P04637
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.

Selected Validation Data



Western blot analysis of 293T, with p53 mAb diluted at 1) 1:1,000 2) 1:2,000



IHC staining of Human colon cancer tissue paraffin-embedded with p53 mouse mAb (6C4) diluted at 1:200.