

P53 Mouse Monoclonal Antibody(4A12)

Catalog No: RA10273

Basic Information

Host species	Mouse
Applications	IHC
Species Cross-Reactivity	H
Specificity	Antibody can detects endogenous p53 protein.
Recommended dilutions	IHC: 1:500-1,000 Optimal dilutions should be determined by the end user.

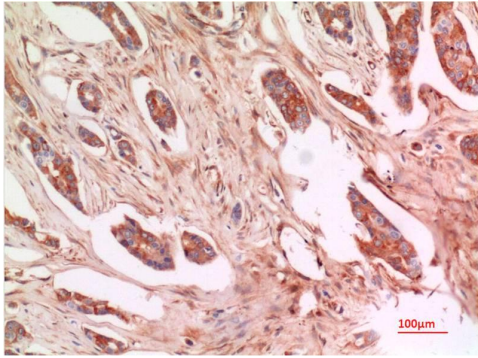
Applications

Formulation	Affinity Purified IgG, 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	Cellular tumor antigen p53 antibody, Cys 51 stop antibody, Tp53 antibody, Tumor protein p53 antibody
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



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using P53 Mouse mAb diluted at 1:200.