

## P63- $\alpha$ Mouse Monoclonal Antibody (8E2)

Catalog No: RA10258

### Basic Information

Host species	Mouse
Applications	WB
Species Cross-Reactivity	H, R, M
Specificity	P63- $\alpha$ antibody detects endogenous P63- $\alpha$ proteins.
Recommended dilutions	WB: 1:1,000~2,000 Optimal dilutions should be determined by the end user.

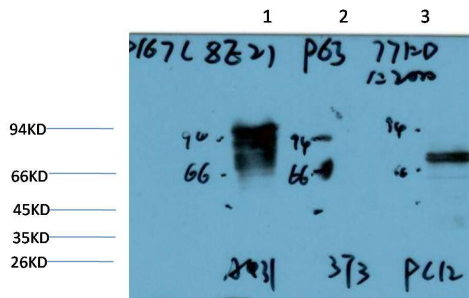
### Applications

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	p63, Tumor protein 63 antibody, p53CP
Observed band	50-80
Human Gene ID	8626
Human Swiss-Prot Number	Q9H3D4
Background	p63 can induce p53-responsive genes and apoptosis, mutation of p63 rarely results in tumors . Research investigators frequently observe amplification of the p63 gene in squamous cell carcinomas of the lung, head and neck . The p63 gene contains an alternative transcription initiation site that yields a 40 kDa $\delta$ Np63 lacking the transactivation domain, and alternative splicing at the carboxy-terminus yields the $\alpha$ , $\beta$ , and $\gamma$ isoforms .

## Selected Validation Data



Western blot analysis of 1) A431 Cell Lysate, 2) 3T3 Cell Lysate ,  
3) PC-12 Cell Lysate using P63- $\alpha$  Mouse mAb diluted at 1:2000.