

**P63- $\alpha$  Mouse Monoclonal Antibody (8E2)****Catalog No.: RA10258****Basic Information****Information**

<b>Reactivity</b>	H,M,R
<b>Immunogen</b>	Synthetic Peptide
<b>Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Storage Buffer &amp; Condition</b>	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
<b>Observed MW</b>	50-80KD

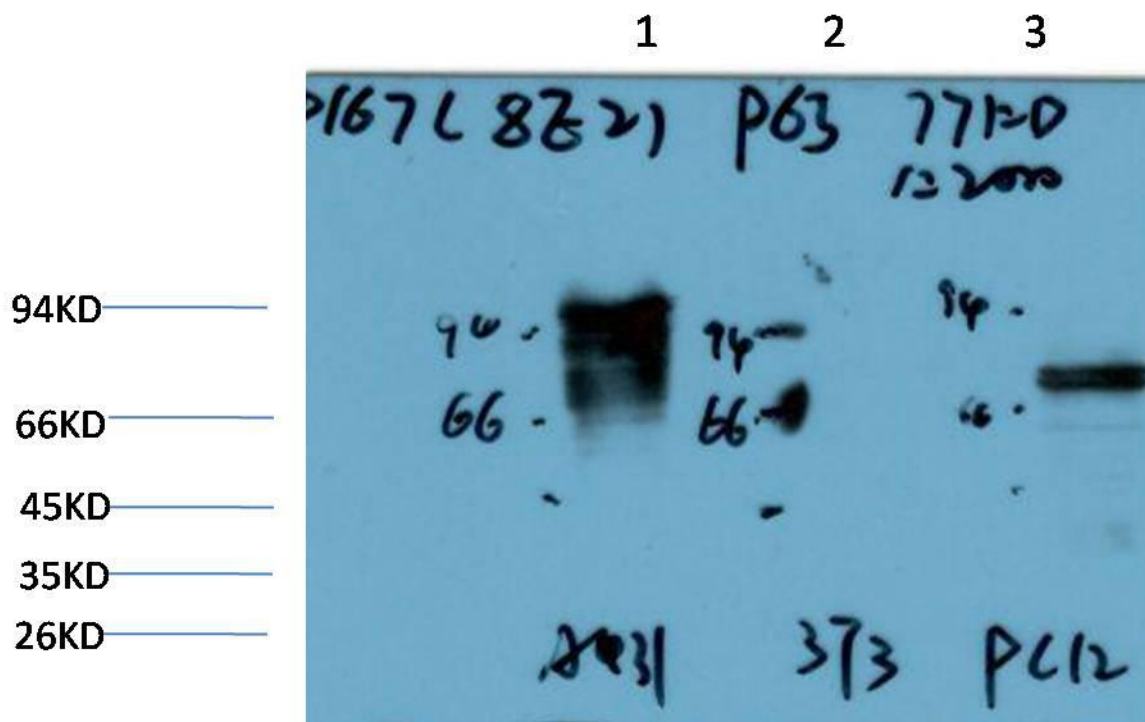
**Applications****Recommended Dilution**

<b>WB</b>	1:1,000-2,000
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**Preparation & Storage**

<b>Storage</b>	Store at -20°C. Stable for one year from the date of shipment.
<b>Shipping</b>	Bule Ice

## Experimental Data



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

## 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 .