

## Recombinant PI3-Kinase p110α Monoclonal Antibody

catalog number: **AN301301L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

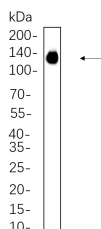
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human PI3-Kinase p110α protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG,κ
<b>Clone</b>	7C1
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications Recommended Dilution

<b>WB</b>	1:2000-1:10000
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### Data



Western Blot with Recombinant PI3-Kinase p110α  
Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:  
RAW264.7 whole cell lysate.

**Observed-MW:110 kDa**  
**Calculated-MW:124 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4,5)P<sub>2</sub>. This gene has been found to be oncogenic and has been implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22.

### For Research Use Only