

## Recombinant PI3-Kinase p110 $\beta$ Monoclonal Antibody

catalog number: **AN300619L**

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

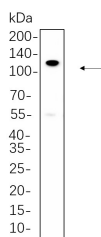
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human PI3-Kinase p110 $\beta$ protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	B554
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications Recommended Dilution

<b>IHC</b>	1:200-1:1000
<b>WB</b>	1:2000-1:10000
<b>IF</b>	1:200-1:1000
<b>ELISA</b>	1:5000-1:20000

### Data



Western Blot with Recombinant PI3-Kinase p110  $\beta$   
Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:

RT-4 whole cell lysate.

**Observed-MW:110 kDa**

**Calculated-MW:123 kDa**

### Preparation & Storage

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

### Background

This gene encodes an isoform of the catalytic subunit of phosphoinositide 3-kinase (PI3K). These kinases are important in signaling pathways involving receptors on the outer membrane of eukaryotic cells and are named for their catalytic subunit. The encoded protein is the catalytic subunit for PI3K $\beta$  (PI3KB). PI3KB has been shown to be part of the activation pathway in neutrophils which have bound immune complexes at sites of injury or infection. Alternative splicing results in multiple transcript variants.

### For Research Use Only