

A4860

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## PI3 Kinase p85 beta Rabbit mAb

Catalog No.: A4860

Recombinant

1 Publications

### Basic Information

#### Observed MW

85kDa

#### Calculated MW

82kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB,ELISA

#### Cross-Reactivity

Human,Rat

#### CloneNo number

ARC0287

### Background

Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Three transcript variants, one protein coding and the other two non-protein coding, have been found for this gene.

### Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

5296

#### Swiss Prot

O00459

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

#### Synonyms

p85; MPPH; P85B; MPPH1; p85beta; p85-BETA; PI3 Kinase p85 beta

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

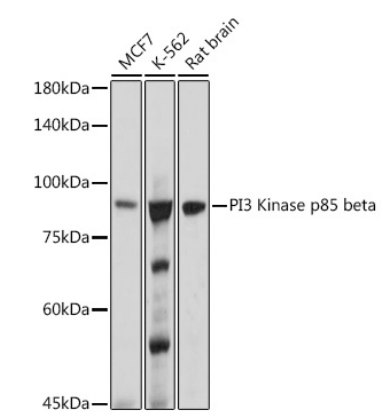
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

# Validation Data



Western blot analysis of various lysates using PI3 Kinase p85 beta Rabbit mAb (A4860) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.