

# PI3 Kinase p85 beta Rabbit mAb

Catalog No.: A4860 **Recombinant** **2 Publications**

## Basic Information

### Observed MW

85kDa

### Calculated MW

82kDa

### Category

Primary 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

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

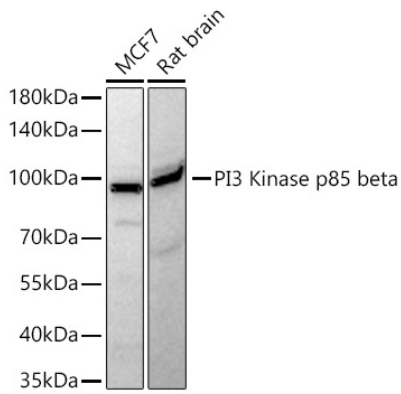
### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of various lysates using PI3 Kinase p85 beta Rabbit mAb (A4860) at 1:1000 dilution incubated at room temperature for 1.5 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.