

PI3 Kinase p85 alpha/beta/gamma mAb

Catalog No.: A22996 **4 Publications**

Basic Information

Observed MW

85kDa

Calculated MW

42-54kDa/81-84kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC57209

Background

Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit.

Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]

Recommended Dilutions

WB 1:2000 - 1:10000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

5295/5296/8503

Swiss Prot

P27986/O00459/Q92569

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 400-500 of human PI3 Kinase p85 alpha/beta (NP_852664.1).

Synonyms

PIK3R1/PIK3R2/PIK3R3

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 with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data

