

A11442

Leader in Biomolecular Solutions for Life Science



PI3 Kinase p85 alpha Mouse mAb

Catalog No.: A11442

Basic Information

Observed MW

80kDa

Calculated MW

84kDa

Category

Monoclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse,Rat

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.

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
5295

Swiss Prot
P27986

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

p85; AGM7; GRB1; IMD36; p85alpha; p85-ALPHA; PI3 Kinase p85 alpha

Contact

 www.abclonal.com

Product Information

Source
Mouse

Isotype
IgG

Purification
Affinity purification

Storage

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

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