

Recombinant

DGRmAb®

PI3-Kinase p85 alpha (DGR31639) Rabbit mAb (PBS Only)

db12183-PBS

Package : 100µg

Product Name : PI3-Kinase p85 alpha (DGR31639) Rabbit mAb (PBS Only)**Cat.No.:** db12183-PBS**Synonyms** : p85; AGM7; GRB1; IMD36; p85-ALPHA**Application** : WB**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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]

Immunogen

A synthetic peptide of human PI 3 Kinase p85 alpha

Gene ID

5295

Swiss Prot

P27986

Synonyms

p85; AGM7; GRB1; IMD36; p85-ALPHA

Reactivity

Human,Mouse,Rat

Application

WB

Calculated MW

84 kDa

Observed MW

84 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR31639

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration

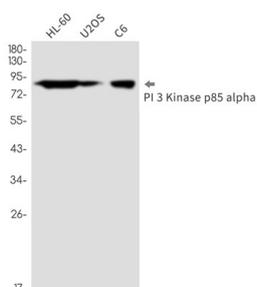
1 mg/mL

Formulation

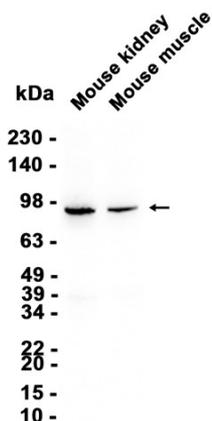
PBS Only

Storage Stability

Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of PI 3 Kinase p85 alpha in HL-60,U2OS,C6 cell lysates using PI 3 Kinase p85 alpha antibody(1:1000 diluted).



Western blot analysis of extracts from Mouse muscle, Mouse kidney tissue using db12183 at 1:1000.