

Recombinant

DGRmAb®

## PI3-Kinase p85 alpha (DGR12062) Rabbit mAb (PBS Only)

db13949-PBS

Package : 10µg 100µg

**Product Name** : PI3-Kinase p85 alpha (DGR12062) Rabbit mAb (PBS Only)**Cat.No.:** db13949-PBS**Synonyms** : p85; AGM7; GRB1; IMD36; p85-ALPHA**Application** : WB, ICC/IF, FC, IP**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, ICC/IF, FC, IP

**Calculated MW**

84 kDa

**Observed MW**

85 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12062

**Isotype**

IgG

**Purity**

Affinity Purification

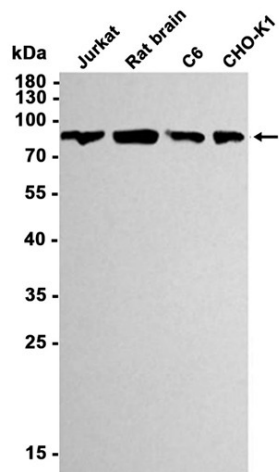
**Conjugation**

Un-conjugated

**Concentration** 1 mg/mL

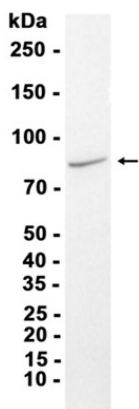
**Formulation** PBS Only

**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.



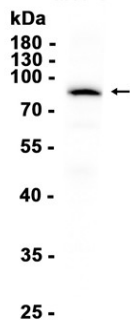
Western blot analysis of extracts from Jurkat, C6, CHO-K1 cells and Rat brain tissue using [db13949](#) at 1:1000.

Mouse muscle

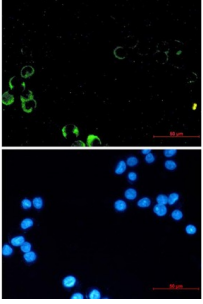


Western blot analysis of extracts from Mouse muscle tissue using [db13949](#) at 1:1000.

MCF-7



Western blot analysis of extracts from MCF-7 cells using [db13949](#) at 1:1000.



Immunofluorescent analysis of MCF-7 cells using db13949 antibody (green), and DAPI (blue).