

Recombinant

DGRmAb®

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

db13949-PBS

Package : 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

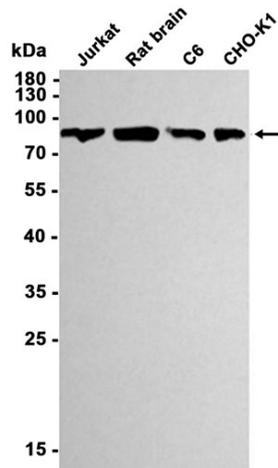
Conjugation

Un-conjugated

Concentration 1 mg/mL

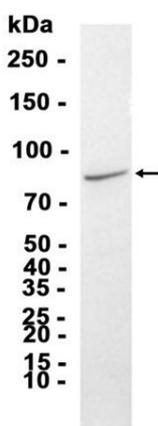
Formulation PBS Only

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.



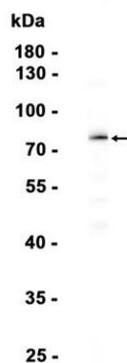
Western blot analysis of extracts from Jurkat, C6, CHO-K1 cells and Rat brain tissue using [db13949](#) at 1:1000.

Mouse muscle

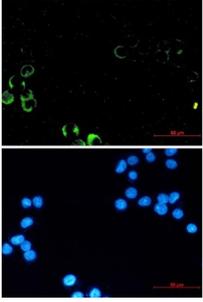


Western blot analysis of extracts from Mouse muscle tissue using [db13949](#) at 1:1000.

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).