

Recombinant

DGRmAb®

PI3-Kinase p85 alpha (DGR12062) Rabbit mAb

db13949

Package : 10µL 20µL 50µL 100µL

Product Name : PI3-Kinase p85 alpha (DGR12062) Rabbit mAb

Cat.No.: db13949

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

Recommended dilution

WB: 1:1000
 ICC/IF: 1:100-1:200
 FC: 1:100
 IP: 1:50

Calculated MW

84 kDa

Observed MW

85 kDa

Host species

Rabbit

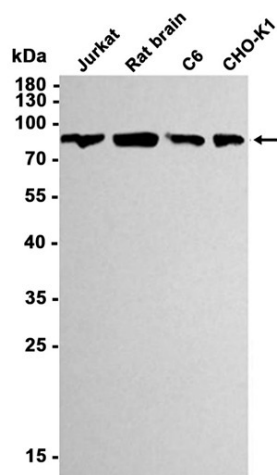
Clonality

Monoclonal

Clonality No.

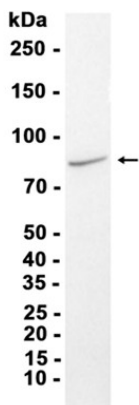
DGR12062

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



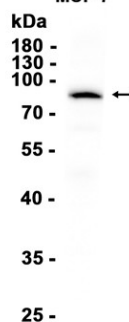
Western blot analysis of extracts from Jurkat, C6, CHO-K1 cells and Rat brain tissue using db13949 at 1:1000.

Mouse muscle

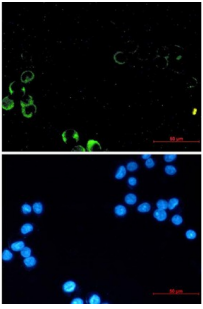


Western blot analysis of extracts from Mouse muscle tissue using db13949 at 1:1000.

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).