



Recombinant

DGRmAb[®]

Pl3-Kinase p85 alpha (DGR31639) Rabbit mAb

db12183 Package : 10μL 20μL 50μL 100μL

Product Name: Pl3-Kinase p85 alpha (DGR31639) Rabbit mAb

Cat.No.: db12183

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 PI3 Kinase p85 alpha

Gene ID 5295

Swiss Prot P27986

Synonyms p85; AGM7; GRB1; IMD36; p85-ALPHA

Reactivity Human, Mouse, Rat

Application WB

Recommended dilution WB: 1:1000-1:5000

Calculated MW 84 kDa

Observed MW 84 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR31639

Isotype IgG

Purity Affinity Purification



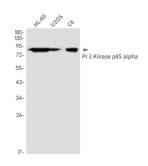


Conjugation

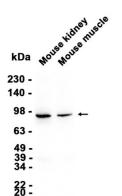
Un-conjugated

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 detection of PI3 Kinase p85 alpha in HL-60,U2OS,C6 cell lysates using PI3 Kinase p85 alpha antibody(1:1000 diluted).



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