Recombinant DGRmAb®

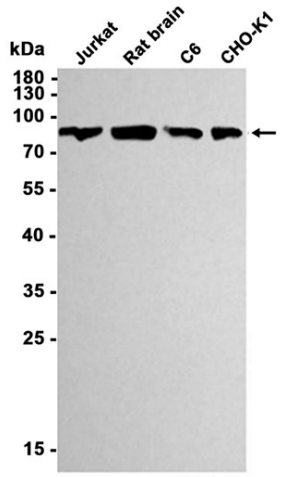
PI3-Kinase p85 alpha (DGR12062) Rabbit mAb

db13949 **Package : 10μL 20μL 50μL 100μL**

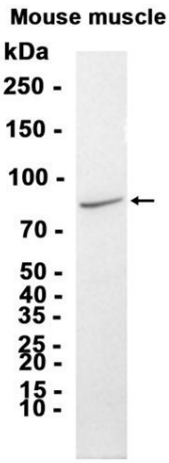
Product Name : PI3-Kinase p85 alpha (DGR12062) Rabbit mAb
Cat.No.: db13949
Synonyms : p85; AGM7; GRB1; IMD36; p85-ALPHA
Application : WB, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 PI3 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

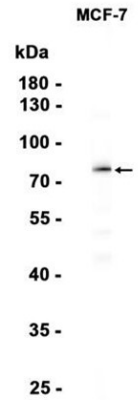
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



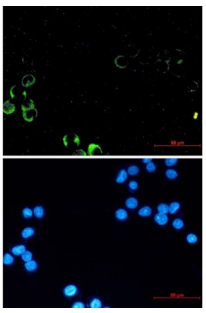
Western blot analysis of extracts from Jurkat, C6, CHO-K1 cells and Rat brain tissue using db13949 at 1:1000.



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



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).