Recombinant DGRmAb®

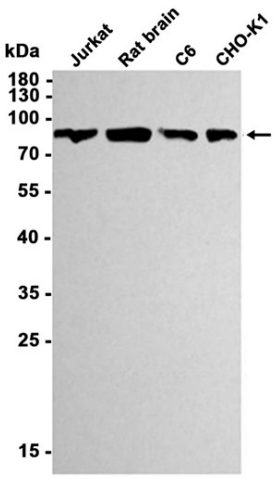
PI3-Kinase p85 alpha (DGR12062) Rabbit mAb (PBS Only)

db13949-PBS **Package : 10μg 100μg**

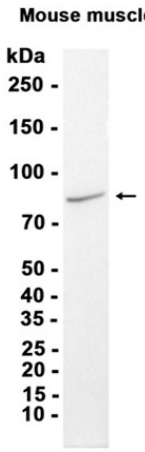
Product Name : PI3-Kinase p85 alpha (DGR12062) Rabbit mAb (PBS Only)
Cat.No.: db13949-PBS
Synonyms : p85; AGM7; GRB1; IMD36; p85-ALPHA
Application : WB, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 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
Calculated MW	84 kDa
Observed MW	85 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12062
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

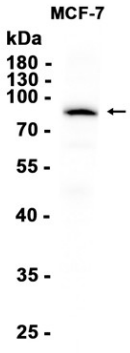
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



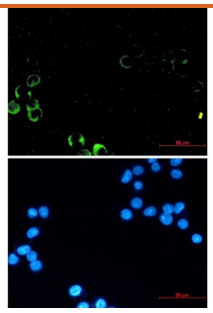
Western blot analysis of extracts from Jurkat, C6, CHO-K1 cells and Rat brain tissue using db13949 at 1:1000.



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).