Recombinant DGRmAb®

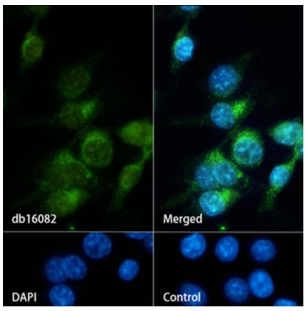
PI3-Kinase p85 alpha (DGR16380) Rabbit mAb (PBS Only)

db16082-PBS **Package : 10μg 100μg**

Product Name : PI3-Kinase p85 alpha (DGR16380) Rabbit mAb (PBS Only)
Cat.No.: db16082-PBS
Synonyms : p85; AGM7; GRB1; IMD36; p85-ALPHA
Application : IHC, ICC/IF, FC
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	IHC, ICC/IF, FC
Calculated MW	84 kDa
Observed MW	85 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR16380
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.



Immunofluorescence analysis of 3T3 cells labelling PI3-Kinase p85 alpha with db16082.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db16082 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.