Recombinant DGRmAb®

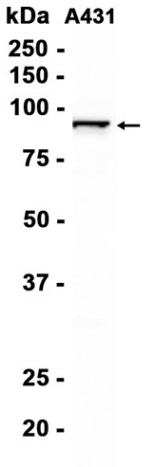
PI3-Kinase p85 beta (DGR15412) Rabbit mAb

db15064 **Package : 10μL 20μL 50μL 100μL**

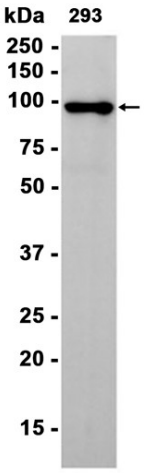
Product Name : PI3-Kinase p85 beta (DGR15412) Rabbit mAb
Cat.No.: db15064
Synonyms : p85; MPPH; P85B; MPPH1; p85-BETA
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Rat
Host species : Rabbit

Background	Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Dec 2012]
Immunogen	A synthetic peptide of human PI 3 Kinase p85 beta
Gene ID	5296, 29741
Swiss Prot	O00459, Q63788
Synonyms	p85; MPPH; P85B; MPPH1; p85-BETA
Reactivity	Human,Rat
Application	WB, IHC-P, ICC/IF, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:100 ICC/IF: 1:200-1:500 IP: 1:50-1:100
Calculated MW	82 kDa
Observed MW	85 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15412
Isotype	IgG

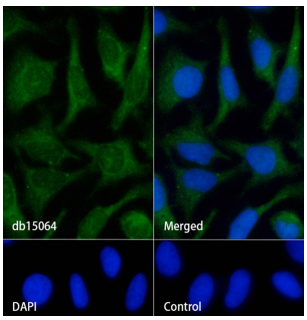
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from A431 cells using db15064 at 1:1000.



Western blot analysis of extracts from 293 cells using db15064 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling PI3-Kinase p85 beta with db15064.

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 db15064 (1:200) 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.