Recombinant DGRmAb®

PI3-Kinase p85 beta (DGR15412) Rabbit mAb (PBS Only)

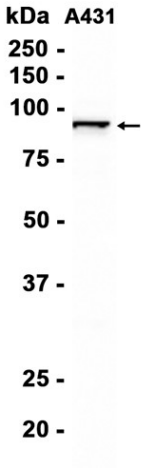
db15064-PBS **Package : 10μg 100μg**

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

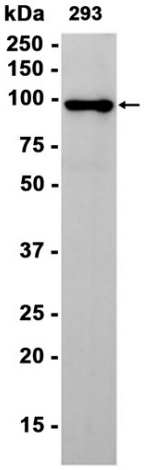
Background	Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene 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
Calculated MW	82 kDa
Observed MW	85 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15412
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL

Formulation PBS Only

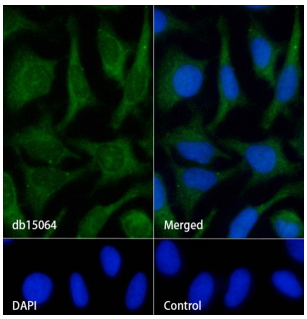
Storage Stability Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from 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.