

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

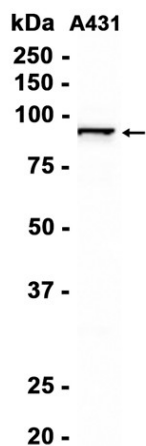
1 mg/mL

Formulation

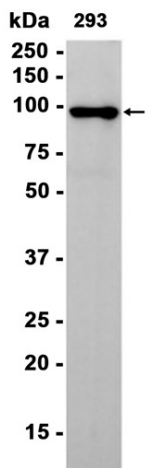
PBS Only

Storage Stability

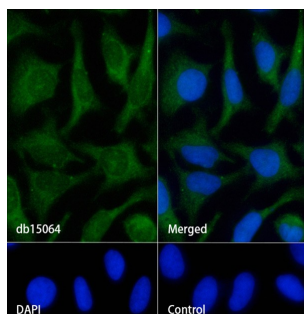
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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°C) 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 temperature 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.