

Recombinant

DGRmAb®

PI3-Kinase p110 beta (DGR14149) Rabbit mAb (PBS Only)

db15409-PBS

Package : 10µg 100µg

Product Name : PI3-Kinase p110 beta (DGR14149) Rabbit mAb (PBS Only)**Cat.No.:** db15409-PBS**Synonyms** : PI3K; PIK3C1; P110BETA; PI3KBETA**Application** : WB, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes an isoform of the catalytic subunit of phosphoinositide 3-kinase (PI3K). These kinases are important in signaling pathways involving receptors on the outer membrane of eukaryotic cells and are named for their catalytic subunit. The encoded protein is the catalytic subunit for PI3Kbeta (PI3KB). PI3KB has been shown to be part of the activation pathway in neutrophils which have bound immune complexes at sites of injury or infection. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]

Immunogen

A synthetic peptide of human PI3 Kinase p110 beta

Gene ID

5291

Swiss Prot

P42338

Synonyms

PI3K; PIK3C1; P110BETA; PI3KBETA

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC

Calculated MW

123 kDa

Observed MW

110 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14149

Isotype

IgG

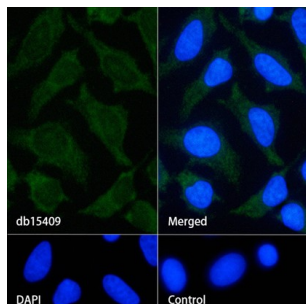
Purity

Affinity Purification

Conjugation

Un-conjugated

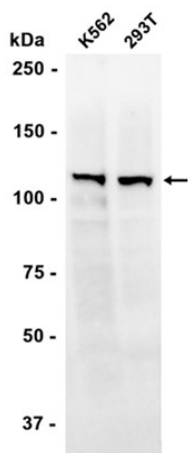
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling PI3-Kinase p110 beta with [db15409](#).

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 [db15409](#) (1:100) 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.



Western blot analysis of extracts from K562, 293T cells using [db15409](#) at 1:1000.