Recombinant DGRmAb®

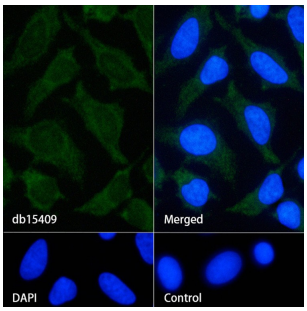
PI3-Kinase p110 beta (DGR14149) Rabbit mAb (PBS Only)

db15409-PBS **Package : 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℃) 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.