

Recombinant

DGRmAb®

PIP5KI gamma (DGR13463) Rabbit mAb

db11935

Package : 10µL 20µL 50µL 100µL

Product Name : PIP5KI gamma (DGR13463) Rabbit mAb**Cat.No.:** db11935**Synonyms :** AI115456; AI835305; Pip5klgamma**Application :** WB**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

Catalyzes the phosphorylation of phosphatidylinositol 4-phosphate (PtdIns4P) to form phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P₂). PtdIns(4,5)P₂ is involved in a variety of cellular processes and is the substrate to form phosphatidylinositol 3,4,5-trisphosphate (PtdIns(3,4,5)P₃), another second messenger. The majority of PtdIns(4,5)P₂ is thought to occur via type I phosphatidylinositol 4-phosphate 5-kinases given the abundance of PtdIns4P. Participates in a variety of cellular processes such as vesicle mediated transport, cell adhesion, cell polarization and cell migration. Together with PIP5K1A is required for phagocytosis, but they regulate different types of actin remodeling at sequential steps.

Immunogen

Recombinant protein of mouse PIP5KI gamma

Gene ID

18717

Swiss Prot

O70161

Synonyms

AI115456; AI835305; Pip5klgamma

Reactivity

Human,Mouse,Rat

Application

WB

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

73 kDa

Observed MW

90,87 kDa

Host species

Rabbit

Clonality

Monoclonal

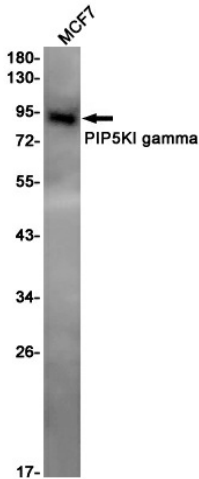
Clonality No.

DGR13463

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 detection of PIP5KI gamma in MCF7 cell lysates using PIP5KI gamma antibody(1:1000 diluted).