

Recombinant

DGRmAb®

**Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) (DGR14141) Rabbit mAb (PBS Only)**

db13991-PBS

Package : 10µg 100µg

**Product Name** : Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) (DGR14141) Rabbit mAb (PBS Only)**Cat.No.:** db13991-PBS**Synonyms** : MPPH; PKBG; MPPH2; PRKBG; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma**Application** : WB, ICC/IF, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1). Alternatively splice transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Ser472 of human AKT3

**Gene ID**

10000

**Swiss Prot**

Q9Y243

**Synonyms**

MPPH; PKBG; MPPH2; PRKBG; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma

**Reactivity**

Human,Mouse,Rat

**Application**

WB, ICC/IF, IP

**Calculated MW**

56 kDa

**Observed MW**

56 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR14141

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

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<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.