Recombinant DGRmAb®

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

db13991 **Package : 10μL 20μL 50μL 100μL**

Product Name : Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) (DGR14141) Rabbit mAb
Cat.No.: db13991
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
Recommended dilution	WB: 1:1000 ICC/IF: 1:100 IP: 1:20-1:50
Calculated MW	56 kDa
Observed MW	56 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14141

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.