

Akt3 Monoclonal Antibody

Catalog No.	IMB0215
Reactivity	Human
Applications	WB; ELISA
Gene Name	AKT3
Protein Name	RAC-gamma serine/threonine-protein kinase
Human Gene Id	10000
Swiss-Prot	Q9Y243
Formulation	Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:500-1:2000 ELISA: 1:10000
Purification	Affinity purification
Concentration	-
Storage & Stability	-20°C/1 year
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],
Subcellular Location.	Nucleus. Cytoplasm. Membrane; Peripheral membrane protein. Membrane-associated after cell stimulation leading to its translocation.
BiowMW	-

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