



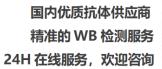
AKT1 Rabbit mAb

Catalog No	BYab-17730	
Isotype	IgG	
Reactivity	Human,Mouse,Rat	
Applications	WB,IHC-P,ICC/IF,IP,FC	
Gene Name	AKT1	
Alternative Names	AKT1; PKB; RAC; RAC-alpha serine/threonine-protein kinase; Protein kinase B; PKB; Protein kinase B alpha; PKB alpha; Proto-oncogene c-Akt; RAC-PK-alpha	
Research Field	Signal Transduction	
Product Categories	Primary antibody	
Host	Rabbit	
Molecular Weight	Calculated MW: 56 kDa	
Clonality	Monoclonal Antibody	
Clonality No.	R03-5K6	
Dilution	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/50 FC: 1/50-1/100	
Immunogen	A synthesized peptide derived from human AKT1	
Purification	Affinity Chromatography	
Conjugation	Unconjugated	
Modification	Unmodified	
Form	Liquid	
Buffer System	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.	
Concentration	1 mg/ml	
Purity	≥90%	
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.	
Background	Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop	

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	phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.	
matters needing attention	Avoid repeated freezing and thawing!	
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.	

Products Images

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