

AKT1 (Phospho-Ser124) Rabbit mAb

Catalog No: #14224



Package Size: #14224-1 50ul #14224-2 100ul

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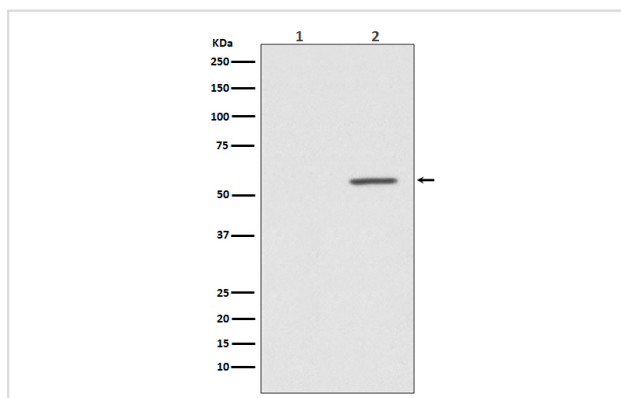
Description

Product Name	AKT1 (Phospho-Ser124) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IP
Species Reactivity	Human Mouse Rat
Specificity	Phospho-AKT1 (S124) Antibody detects endogenous levels of Phospho-AKT1 (S124)
Immunogen Description	A synthesized peptide derived from human AKT1
Other Names	AKT 1; PKB; PKB-ALPHA; PRKBA; Protein Kinase B Alpha; Protein kinase B; Proto-oncogene c-Akt; RAC Alpha;
Accession No.	Uniprot:P31749
Calculated MW	60kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:500~1:1000IP:1:50

Images



Western blot analysis of Phospho-AKT1 (S124) expression in (1) MCF-7 cell treated with Alkaline Phosphatase lysate; (2) MCF-7 cell lysate.

Product Description

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 phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.