

Anti-Phospho-AKT1 (Thr450) [R07-4A7] Monoclonal Antibody

AGMB05122

Description

This Anti-Phospho-AKT1 (Thr450) [R07-4A7] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	AGMB05122
Contents:	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
Synonyms:	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
Applications:	WB IHC-P
Research Area:	Signal Transduction
Form:	Liquid

Antibody Data

Reactivity:	Human, Mouse, Rat
Clone:	R07-4A7
Clonality:	Monoclonal Antibody
SwissProt ID:	P31749
Immunogen:	A synthetic phosphopeptide corresponding to residues surrounding Thr450 of human AKT1

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Gene ID: 207

Gene Name: AKT1

Host Species: Rabbit

Isotype: IgG

Purification: Affinity Purified

Conjugated: Unconjugated

Modification: Phosphorylated

Molecular Weight: Calculated MW: 56 kDa, Observed MW: 56 kDa

Preparation & Storage

Storage: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Store Bradford Reagent at Room Temperature for 1 Year.

Storage Buffer: Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Antibody Dilution Ratio:

Application	Antibody Dilution Ratio
WB	1:1000-1:5000
IHC-P	1:50-1:100

Protein Quantification (Optional):

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.