

# Anti-Phospho-AKT1 (Ser473) [R01-4H6] Monoclonal Antibody

## AGMB05121

### Description

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This Anti-Phospho-AKT1 (Ser473) [R01-4H6] 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

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<b>SKU:</b>	AGMB05121
<b>Contents:</b>	20µl, 50µl, 100µl Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	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
<b>Applications:</b>	<b>WB</b> <b>IHC-P</b> <b>ICC/IF</b>
<b>Research Area:</b>	Signal Transduction
<b>Form:</b>	Liquid

### Antibody Data

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<b>Reactivity:</b>	Human, Mouse, Rat
<b>Clone:</b>	R01-4H6
<b>Clonality:</b>	Monoclonal Antibody
<b>SwissProt ID:</b>	P31749
<b>Immunogen:</b>	A synthetic phosphopeptide corresponding to residues surrounding Ser473 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

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**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 1xPBS(pH 7.4), 150mM NaCl, 50% Glycerol, 0.02% Sodium azide and 0.05% BSA

**Antibody Dilution Ratio:**

Application	Antibody Dilution Ratio
WB	1:2000-1:5000
IHC-P	1:100-1:200
IF	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.