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## Product Datasheet

### AKT pS473 antibody (orb420307)

**Description**

AKT pS473 antibody

**Species/Host**

Rabbit

**Reactivity**

Human, Mouse, Rat

**Conjugation**

Unconjugated

**Tested Applications**

DOT, ELISA, FC, IF, IHC, Multiplex Assay, WB

**Immunogen**

Rabbit Anti-AKTpS473 Antibody was prepared by repeated immunizations in rabbits with a synthetic peptide corresponding to a C-terminus region near phospho Serine 473 of the human, mouse, rat and chicken AKT proteins conjugated to KLH.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.0 mg/mL

**Storage**

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

**Note**

For research use only

**Application notes**

This AKT antibody is phospho specific for pS473 and is tested in ELISA, western blotting, immunohistochemistry (formalin-fixed paraffin-embedded sections), and immunofluorescence. By immunoblot a single band of the expected apparent molecular weight ~56kDa is observed. For immunohistochemistry no pre-treatment of sample is required.

**Isotype**

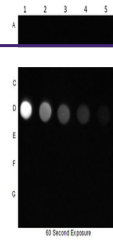
IgG

**Clonality**

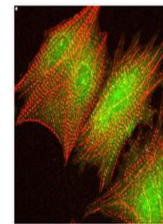
Polyclonal

**Purity**

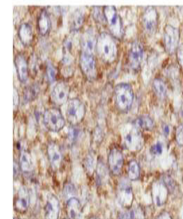
This product was prepared from monospecific antiserum by immunoaffinity chromatography using a phospho peptide coupled to agarose beads followed by solid phase adsorption(s) against a non-phospho peptide and non-specific peptide to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single



Dot Blot of Rabbit Anti-AKT pS473 Antibo...



Immunofluorescence Confocal Microscopy O...



Immunohistochemistry at higher magnifica...