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## Product Datasheet

### AKT antibody (orb344419)

**Description**

AKT antibody

**Species/Host**

Mouse

**Reactivity**

Human, Mouse, Primate, Rat

**Conjugation**

Unconjugated

**Tested Applications**

ELISA, FC, IHC, WB

**Immunogen**

Anti-AKT Antibody was produced by repeated immunizations in mice with a synthetic peptides corresponding to residues internal to the human AKT1, AKT2, and AKT3 proteins.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

1.0 mg/mL

**Storage**

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Note**

For research use only

**Application notes**

Mouse Anti-AKT Antibody is tested for ELISA, SDS-PAGE, and western blotting. This antibody is suitable for immunohistochemistry and immunoprecipitation. Expect a band approximately 54 - 56 kDa in size corresponding to AKT protein by western blotting in the appropriate cell lysate or extract. Specific conditions for reactivity should be optimized by the end user. For immunohistochemistry we recommend the use of fresh frozen tissues. Attempts at staining paraffin-embedded formalin fixed tissues were negative. No pre-treatment of sample is required.

**Isotype**

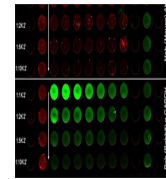
IgG

**Clonality**

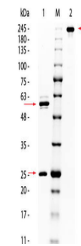
Monoclonal

**Purity**

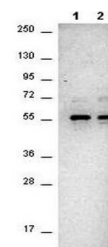
Anti-AKT Antibody was purified by Protein A chromatography. This antibody is specific for human and mouse AKT protein. A BLAST analysis was used to suggest cross-reactivity with AKT1, AKT2, and AKT3 from human, mouse, rat and chimpanzee sources based on 100% homology with the immunizing sequence. Cross-reactivity with AKT1, 2, 3 was determined with Western Blot. Cross reactivity of AKT from other sources has not been determined.

**Uniprot ID**
[P31749](https://www.uniprot.org/uniprot/P31749)


ELISA of Mouse Anti-AKT Antibody. Antige...



SDS PAGE of Mouse anti-AKT Monoclonal An...



Western Blot of Mouse anti-AKT antibody....

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**Expiration Date**

12 months from date of receipt.