
Product Datasheet

AKT antibody (orb344420)

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 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

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

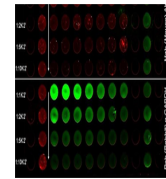
IgG

Clonality

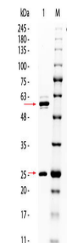
Monoclonal

Purity

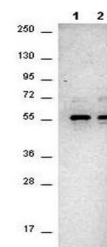
Anti-AKT Antibody was purified by Protein A chromatography. This antibody is specific for human and mouse AKT protein. A BLAST analysis was used to suggest cross-reactivity with AKT1, AKT2, and AKT3 from human, mouse, rat and chimpanzee sources based on 100% homology with the immunizing sequence. Cross-reactivity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



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



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



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