

Product Datasheet

AKT ISOFORM antibody (orb345936)

Description

AKT ISOFORM antibody

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested

ELISA, FC, IHC, WB

Applications

Immunogen

All Anti-AKT isoform specific Antibodies were produced by repeated immunizations with a synthetic peptide corresponding to internal residues of human AKT1, AKT2 or AKT3 protein.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Concentration

1.0 mg/ml

Storage

Each vial contains a relatively low volume of reagent (25 µL). Store vial at -20° C or below prior to opening. 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

Anti-AKT Antibodies are suitable for ELISA, immunohistochemistry, and western blotting. Expect a band approximately 56 kDa in size corresponding to AKT proteins by western blotting in the appropriate cell lysate or extract. All 3 primary monoclonal antibodies reacts with human AKT. 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. This sampler kit consists of sample sizes of anti-AKT1, anti-AKT2 and anti-AKT3 mouse monoclonal antibody and HRP conjugated anti-Mouse IgG secondary antibody (p/n 200-301-I51S; 200-301-BR8S; 200-301-J36S and 610-403-C46S, respectively).

Isotype

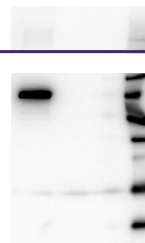
IgG2a

Clonality

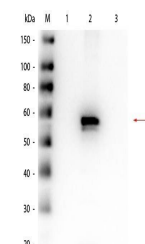
Monoclonal

Purity

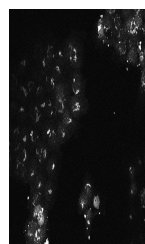
This primary antibody kit has been carefully chosen to



Western blot analysis of His-Tagged AKT protein.



Western blot analysis of AKT protein in cell lysate.



Western blot analysis of His-Tagged AKT protein.