

Product Datasheet

AKT3 antibody (orb344486)

Description

AKT3 antibody

Species/Host

Mouse

Reactivity

Human, Mouse

Conjugation

Unconjugated

Tested

ELISA, FC, IHC, WB

Applications

Immunogen

Anti-AKT3 Antibody was produced in mice by repeated immunizations with a synthetic peptide corresponding to internal residues of human AKT3 protein.

Preservatives

None

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

Anti-AKT3 Antibody is tested in ELISA, immunohistochemistry, and western blotting. Expect a band approximately 56 kDa in size corresponding to AKT3 protein by western blotting in the appropriate cell lysate or extract. This monoclonal antibody 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.

Isotype

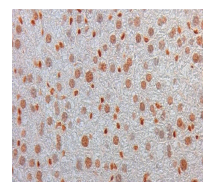
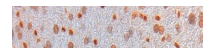
IgG1

Clonality

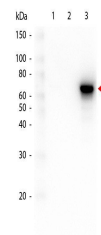
Monoclonal

Purity

Anti-AKT3 antibody is directed against human AKT3. The antibody detects both unphosphorylated and phosphorylated forms of the protein. Anti-AKT3 antibody was purified from ascites by Protein A chromatography. Cross reactivity with AKT3 from other species has not been determined, however, the sequence of the immunogen shows 100% identity to human, mouse, and rat, therefore, cross reactivity is expected. Cross-reactivity with AKT2 and AKT has not



Immunohistochemical staining of mouse li...



Western blot analysis of GST Tagged reco...

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Dilution Range

ELISA: 1:2,000 - 1:10,000, FC: User Optimized, IHC: 20 ug/ml, WB: 1:500-1:2000