

Product Datasheet

AKT3 PE antibody (RPE) (orb344553)

Description

AKT3 PE antibody (RPE)

Species/Host

Mouse

Reactivity

Human, Mouse, Rat

Conjugation

RPE

Tested Applications

DOT, ELISA, FC, IF, IHC, WB

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

Lyophilized

Concentration

1.0 mg/mL

Storage

Store vial at 4° C prior to restoration. Restore with deionized water (or equivalent). This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. Do not freeze after reconstitution. Store reagent in the dark. Use subdued lighting during handling and incubation of cells prior to analysis.

Note

For research use only

Application notes

Anti-AKT3 PE Antibody is tested for Flow Cytometry. This antibody is suitable for 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

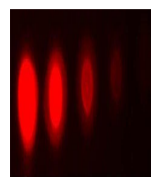
Clonality

Monoclonal

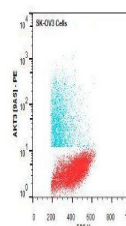
Purity

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-

1 2 3 4 5



Dot Blot analysis of 1: 50 ng (Lane1), 1...



Flow cytometric analysis of SK-OV3 Cells...

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Dilution Range

ELISA: User Optimized, FC: User Optimized, IHC: User Optimized, IF: User Optimized, WB: User Optimized