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Product Datasheet

AKT2 APC antibody (APC) (orb345019)

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| Description ^{nts.} | AKT2 APC antibody (APC) |
| Species/Host | Rat |
| Reactivity | Human |
| Conjugation | APC |
| Tested Applications | DOT, ELISA, FC, IF, IHC, WB |
| Immunogen | Anti-AKT2 Antibody was produced in rat by repeated immunizations with a synthetic peptide corresponding to internal residues of human AKT2 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 for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. For extended storage, aliquot contents and freeze at - 20° C or below. Avoid cycles of freezing and thawing. 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-AKT2 APC 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 AKT2 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. |
| lsotype | lgG2a |
| Clonality | Monoclonal |
| Purity | Anti-AKT2 antibody is directed against human AKT2. The antibody detects both unphosphorylated and phosphorylated forms of the protein. Anti-AKT2 was purified from concentrated tissue culture supernate by Protein G chromatography. Cross reactivity with AKT2 from other species has not been determined, however, the sequence of the immunogen shows 88% identity to |
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Western blot analysis of 50 ng (Lane1), ...

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