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Product Datasheet

AKT1 BIOTIN Antibody, IgG2a, Clone: [14E5.A2.B2.H9], Biotin, Mouse, Monoclonal BYT-ORB344547

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|----------------------------|---|
| Article Name | AKT1 BIOTIN Antibody, IgG2a, Clone: [14E5.A2.B2.H9], Biotin, Mouse, Monoclonal |
| Biozol Catalog Number | BYT-ORB344547 |
| Supplier Catalog Number | orb344547 |
| Alternative Catalog Number | BYT-ORB344547-50 |
| Manufacturer | Biorbyt |
| Host | Mouse |
| Category | Antikörper |
| Application | ELISA, FC, IF, IHC, WB |
| Species Reactivity | Human, Mouse, Rat |
| Immunogen | Anti-AKT1 Antibody was produced in mice by repeated immunizations with a synthetic peptide corresponding to internal residues of human AKT1 protein followed by monoclonal development. |
| Conjugation | Biotin |
| Product Description | AKT1 antibody (Biotin)... |
| Clonality | Monoclonal |
| Concentration | 1.0 mg/mL |
| Clone Designation | [14E5.A2.B2.H9] |

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| Isotype | IgG2a |
| NCBI | 001014431 |
| UniProt | P31749 |
| Buffer | 0.01% (w/v) Sodium Azide |
| Purity | Anti-AKT1 antibody is directed against human AKT1. The antibody detects both unphosphorylated and phosphorylated forms of the protein. Anti-AKT1 antibody was purified from ascites by Protein A chromatography. Cross reactivity with AKT1 from other species has not been determined, however, the sequence of the immunogen shows 85% identity to mouse and 92% identity with rat, therefore, cross reactivity is expected. |
| Form | Lyophilized |
| Application Dilute | ELISA: User Optimized, FC: User Optimized, IHC: User Optimized, IF: User Optimized, WB: User Optimized |
| Application Notes | Application Notes: Anti-AKT1 BIOTIN Antibody is suitable for Flow Cytometry, ELISA, immunohistochemistry, and western blotting. Expect a band approximately 56 kDa in size corresponding to AKT1 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 |