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## Product Datasheet

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

Artikelname	AKT1 BIOTIN Antibody, IgG2a, Clone: [14E5.A2.B2.H9], Biotin, Mouse, Monoclonal
Artikelnummer	BYT-ORB344547
Hersteller Artikelnummer	orb344547
Alternativnummer	BYT-ORB344547-50
Hersteller	Biorbyt
Wirt	Mouse
Kategorie	Antikörper
Applikation	ELISA, FC, IF, IHC, WB
Spezies Reaktivität	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.
Konjugation	Biotin
Produktbeschreibung	AKT1 antibody (Biotin)...
Klonalität	Monoclonal
Konzentration	1.0 mg/mL
Klon-Bezeichnung	[14E5.A2.B2.H9]

Isotyp	IgG2a
NCBI	<a href="#">001014431</a>
UniProt	<a href="#">P31749</a>
Puffer	0.01% (w/v) Sodium Azide
Reinheit	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.
Formulierung	Lyophilized
Application Verdünnung	ELISA: User Optimized, FC: User Optimized, IHC: User Optimized, IF: User Optimized, WB: User Optimized
Anwendungsbeschreibung	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