BIOZOL
Diagnostica Vertrieb GmbH, Oehleckerring 11-13
22419 Hamburg, Germany
Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99
E-Mail: info@biozol.de

Product Datasheet

AKT1 Antibody, IgG2a, Clone: [14E5.A2.B2.H9], Unconjugated, Mouse, Monoclonal Preis auf Anfrage
BYT-ORB344523

Article Name	AKT1 Antibody, IgG2a, Clone: [14E5.A2.B2.H9], Unconjugated, Mouse, Monoclonal Preis auf Anfrage
Biozol Catalog Number	BYT-ORB344523
Supplier Catalog Number	orb344523
Alternative Catalog Number	BYT-ORB344523-100
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	ELISA, FC, IHC, WB
Species Reactivity	Human, Mouse
Immunogen	Anti-AKT1 Antibody was produced by repeated immunizations with a synthetic peptide corresponding to internal residues of human AKT1 protein.
Conjugation	Unconjugated
Product Description	AKT1 antibody...
Clonality	Monoclonal
Concentration	1.0 mg/ml
Clone Designation	[14E5.A2.B2.H9]
Isotype	IgG2a

UniProt	P31749
Buffer	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: None, Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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	Liquid (sterile filtered)
Application Dilute	ELISA: 1:2,000 - 1:10,000, IHC: 20 µg/mL, WB: 1:1000
Application Notes	Application Notes: Anti-AKT1 Antibody has been tested in ELISA, SDS-Page, flow cytometry, and western blotting. This antibody is suitable for immunoprecipitation and immunohistochemistry. 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