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## Product Datasheet

### **AKT phospho S473 Antibody Biotin Conjugated, IgG1, Clone: [17F6.B11], Mouse, Monoclonal BYT-ORB344541**

Article Name	AKT phospho S473 Antibody Biotin Conjugated, IgG1, Clone: [17F6.B11], Mouse, Monoclonal
Biozol Catalog Number	BYT-ORB344541
Supplier Catalog Number	orb344541
Alternative Catalog Number	BYT-ORB344541-50
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	ELISA, IF, IHC, WB
Species Reactivity	Human, Monkey, Mouse, Rat
Immunogen	Anti-AKT pS473 (MOUSE) Monoclonal Antibody was produced by repeated immunizations with a synthetic peptide corresponding to residues surrounding S473 of human AKT1 protein.
Conjugation	Biotin
Product Description	AKT pS473 antibody (Biotin)...
Clonality	Monoclonal
Concentration	0.5 mg/mL
Clone Designation	[17F6.B11]
Isotype	IgG1

NCBI	<a href="#">62241011</a>
UniProt	<a href="#">P31749</a>
Buffer	0.01% (w/v) Sodium Azide
Purity	Anti-AKT pS473 (MOUSE) Monoclonal Antibody Biotin Conjugated was purified from concentrated tissue culture supernate by Protein A chromatography. This antibody is specific for human and mouse AKT protein phosphorylated at S473. A BLAST analysis was used to suggest cross-reactivity with AKT pS473 from human, mouse, rat and chimpanzee sources based on 100% homology with the immunizing sequence. Cross-reactivity with AKT from other sources has not been determined. Cross-reactivity with AKT2 and AKT3 has not been determined.
Form	Lyophilized
Application Dilute	ELISA: 1:20,000, IHC: 20 µg/mL, IF: 1:500-1:3,000, WB: 1:500-1:3,000
Application Notes	Application Notes: Biotin Conjugated Anti-AKT pS473 (MOUSE) Monoclonal Antibody Biotin Conjugated is tested for ELISA, immunohistochemistry, immunoprecipitation and western blotting. Expect a band approximately 56 kDa in size corresponding to phosphorylated AKT protein by western blotting in the appropriate cell lysate or extract. This phospho-specific monoclonal antibody reacts with human and mouse AKT pS473 and shows minimal reactivity by ELISA against the non-phosphorylated form of the immunizing peptide. Specific conditions for reactivity should be optimized by the end user. For immunohistochemistry use formalin-fixed paraffin-embedded sections. No pre-treatment of sample is required