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Product Datasheet

AKT phospho S473 Antibody, IgG1, Clone: [17F6.B11], Unconjugated, Mouse, Monoclonal Preis auf Anfrage BYT-ORB344456

Article Name	AKT phospho S473 Antibody, IgG1, Clone: [17F6.B11], Unconjugated, Mouse, Monoclonal Preis auf Anfrage
Biozol Catalog Number	BYT-ORB344456
Supplier Catalog Number	orb344456
Alternative Catalog Number	BYT-ORB344456-1
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	ELISA, IF, IHC, WB
Species Reactivity	Human, Mouse
Immunogen	This monoclonal antibody was produced by repeated immunizations with a synthetic peptide corresponding to residues surrounding S473 of human AKT1 protein.
Conjugation	Unconjugated
Product Description	Akt (phospho-S473) antibody...
Clonality	Monoclonal
Concentration	1.0 mg/mL
Clone Designation	[17F6.B11]
Isotype	IgG1

NCBI	62241011
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	This product 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	Liquid (sterile filtered)
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: This monoclonal antibody is tested in ELISA, immunohistochemistry, immunofluorescent microscopy, 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. Cell Signaling, Cancer, Neuroscience, Signal Transduction research