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Product Datasheet

AKT phospho S473 Antibody, IgG1, Clone: [17F6.B11], Unconjugated, Mouse, Monoclonal Preis auf Anfrage BYT-ORB344403

Article Name	AKT phospho S473 Antibody, IgG1, Clone: [17F6.B11], Unconjugated, Mouse, Monoclonal Preis auf Anfrage
Biozol Catalog Number	BYT-ORB344403
Supplier Catalog Number	orb344403
Alternative Catalog Number	BYT-ORB344403-100
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	ELISA, IF, IHC, Multiplex Assay, 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, followed by hybridoma development.
Conjugation	Unconjugated
Product Description	Akt (phospho-S473) antibody...
Clonality	Monoclonal
Concentration	1.0 mg/ml
Clone Designation	[17F6.B11]

Isotype	IgG1
NCBI	62241011
Pubmed	32050796
UniProt	P31749
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Anti-AKT pS473 Monoclonal Antibody was purified from concentrated tissue culture supernate by Protein A chromatography. This phospho specific monoclonal antibody is specific for phosphorylated human and mouse AKT protein 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.
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: Phospho AKT antibody is tested in ELISA, immunofluorescence, immunohistochemistry, 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