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Product Datasheet

Phosphothreonine Antibody Biotin Conjugated, Rabbit, Polyclonal BYT-ORB420482

Article Name	Phosphothreonine Antibody Biotin Conjugated, Rabbit, Polyclonal
Biozol Catalog Number	BYT-ORB420482
Supplier Catalog Number	orb420482
Alternative Catalog Number	BYT-ORB420482-100
Manufacturer	Biorbyt
Host	Rabbit
Category	Antikörper
Application	ELISA, WB
Species Reactivity	Other
Immunogen	PhosphoThreonine affinity-purified antibody was prepared from whole rabbit serum produced by repeated immunizations with phosphothreonine conjugated KLH.
Conjugation	Biotin
Product Description	Phosphothreonine antibody (Biotin)...
Clonality	Polyclonal
Concentration	1 mg/mL
Buffer	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 50% (v/v) Glycerol, Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Purity	Anti-PhosphoThreonine was prepared from monospecific antiserum by immunoaffinity chromatography using phosphorylated threonine peptide coupled to agarose followed by conjugation to biotin and subsequent purification. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit IgG and anti-Biotin. Reactivity is specific for phosphothreonine and minimal cross reactivity is observed against phosphotyrosine or phosphoserine.
Form	Liquid (sterile filtered)
Application Dilute	ELISA: 1:5,000, WB: 1:500
Application Notes	Application Notes: PhosphoThreonine affinity-purified antibody is tested for use in ELISA and western blotting assays. The antibody reacts specifically with phosphothreonine and shows minimal reactivity by ELISA and western blotting with proteins containing phosphotyrosine or phosphoserine residues. The antibody reacts with free phosphothreonine, phosphothreonine conjugated to carriers such as thyroglobulin or BSA, and detects the presence of phosphothreonine in proteins of both unstimulated and stimulated cell lysates. Although not tested, this antibody is likely functional in RIA, flow cytometry and immunohistochemistry