

Phosphothreonine Antibody

Subcategory: Phosphospecific Antibody, Rabbit Polyclonal Antibody

Cat. No.: 251127

Unit: 0.1 mg

Description:

Threonine is one of the 20 naturally occurring amino acids. Kinases phosphorylate threonine to phosphothreonine which enters various biosynthetic pathways in the body. The antibody recognizes peptides and proteins phosphorylated on threonine residues. No cross-reaction with phosphotyrosine is observed.

Isotype: Rabbit Ig

Applications: E, IP, WB

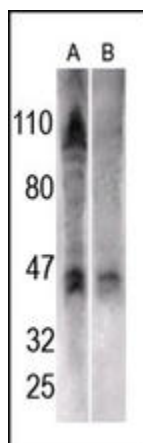
Species Reactivity: H, M

Format: Each vial contains 0.1 mg IgG in 0.4 ml (0.25 mg/ml) of PBS pH7.0, 50% glycerol. Antibody was purified by immunogen-affinity chromatography with phosphothreonine on agarose followed by affinity adsorption with threonine on agarose.

Alternate Names: Phosphothreonine; pT; Phospho-threonine; pThr; Phospho-Thr; Phosphothr

Antigen: KLH-conjugated phosphothreonine and Phosvitin.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IP: 1:20-1:200



The Phosphothreonine Antibody is used in Western blot to detect phosphorylated proteins on Thr residues in mouse spleen lysate treated with sodium vanadate (lane A) or not treated (lane B).

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Bose A et al. 2013. CA. A Cancer Journal for Clinicians.

For research use only, not for diagnostic or therapeutic procedures.