

Product Datasheet

Phosphothreonine antibody (Biotin) (orb420482)

Description

Phosphothreonine antibody (Biotin)

Species/Host

Rabbit

Reactivity

Other

Conjugation

Biotin

Tested

ELISA, IHC, IP, WB

Applications
Immunogen

PhosphoThreonine affinity-purified antibody was prepared from whole rabbit serum produced by repeated immunizations with phosphothreonine conjugated KLH.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1 mg/mL

Storage

Store anti-pT antibody at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

Note

For research use only

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.

Isotype

IgG

Clonality

Polyclonal

Purity

Anti-PhosphoThreonine was prepared

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purification: Assay by immunoelectrophoresis resulted in a