

Product Datasheet

Phosphotyrosine antibody (Biotin) (orb420481)

Description

Phosphotyrosine antibody (Biotin)

Species/Host

Rabbit

Reactivity

Other

Conjugation

Biotin

Tested

ELISA, FC, IHC, IP, WB

Applications
Immunogen

Anti-PhosphoTyrosine was prepared from whole rabbit serum produced by repeated immunizations with phosphotyrosine conjugated KLH.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.0 mg/mL

Storage

Store Anti-pY at -20° 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

Anti-PhosphoTyrosine antibody is tested for use in ELISA, immunohistochemistry, IP, and western blotting assays. The antibody reacts specifically with phosphotyrosine and shows minimal reactivity by ELISA and western blotting with proteins containing phosphothreonine or phosphoserine residues. The antibody reacts with free phosphotyrosine, phosphotyrosine conjugated to carriers such as thyroglobulin or BSA, and detects the presence of phosphotyrosine in proteins of both unstimulated and stimulated cell lysates. Although not tested, this antibody is likely functional in RIA and flow cytometry.

Isotype

IgG

Clonality

Polyclonal

Purity

Anti-PhosphoTyrosine was prepared from monospecific antiserum by

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Single precipitin arc against anti-rabbit IgG and anti-Biotin. Reactivity is specific