

Product Datasheet

Phosphotyrosine antibody (orb420305)

Description

Phosphotyrosine antibody

Species/Host

Rabbit

Reactivity

Other

Conjugation

Unconjugated

Tested

ELISA, IHC, IP, WB

Applications
Immunogen

This Anti-PhosphoTyrosine antibody 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

250µg/mL

Storage

Store PhosphoTyrosine antibody at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

Application notes

Anti-PhosphoTyrosine (pY) Antibody is tested for use in ELISA, western blotting, immunohistochemistry, immunoprecipitation, and Non-radioactive Tyrosine kinase assays. Anti-PhosphoTyrosine (pY) Antibody reacts specifically with phosphotyrosine and shows minimal reactivity by ELISA and western blotting with proteins containing phosphothreonine or phosphoserine residues. Anti-PhosphoTyrosine (pY) 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, Anti-PhosphoTyrosine (pY) Antibody is likely functional in RIA and flow cytometry.

Isotype

IgG

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phosphorylated tyrosine peptide coupled to agarose. Assay by immunoelectrophoresis