

Phosphotyrosine Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody

Cat. No.: 251126

Unit: 0.1 mg

Description:

Tyrosine is one of the 20 naturally occurring amino acids used for the biosynthesis of proteins. Kinases phosphorylate tyrosine to phosphotyrosine which is considered as a key step in the regulation of enzymatic activities such as signal transduction. This antibody recognizes proteins and peptides phosphorylated on tyrosine residues. There is no cross-reactivity with phosphoserine and phosphothreonine.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R

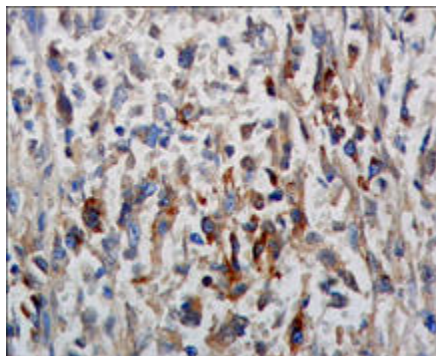
Format: Each vial contains 0.1 mg IgG in 0.4 ml (0.25 mg/ml) of PBS pH7.0 with 0.01% sodium azide. Antibody was purified by immunogen-affinity chromatography using phosphotyrosine coupled to agarose.

Alternate Names: Phosphotyrosine; pY; Phospho-tyrosine; pTyr; Phospho-Tyr; Phosphoty

Accession No.:

Antigen: KLH-conjugated iodoacetylphosphotyramine

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:50-1:100; IP: 1:50-1:100



Phosphotyrosine staining in human breast cancer.

Paraffin-embedded human breast cancer tissue is stained with Phosphotyrosine antibody (Cat. No. 251126) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

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