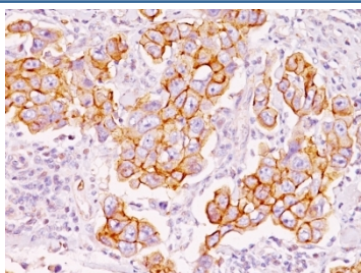


## Phosphotyrosine Antibody (p-Tyr) [clone PY793] (V3095)

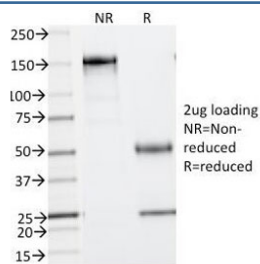
Catalog No.	Formulation	Size
V3095-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3095-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3095SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	NA
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b, kappa
<b>Clone Name</b>	PY793
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	Not Applicable
<b>Localization</b>	Depends upon the location of phosphorylated target
<b>Applications</b>	Flow Cytometry : 0.5-1ug/10 <sup>6</sup> cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This Phosphotyrosine antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human breast carcinoma stained with Phosphotyrosine antibody (clone PY793).



SDS-PAGE Analysis of Purified, BSA-Free Phosphotyrosine Antibody (clone PY793).  
Confirmation of Integrity and Purity of the Antibody.

## Description

Protein phosphorylation is a fundamental event in the regulation of a large number of intracellular processes. Phosphorylation of specific tyrosine residues is the result of activation or stimulation of their respective protein tyrosine kinases. The phosphorylated proteins can be auto-phosphorylated kinases or certain cellular protein substrates. Tyrosine-phosphorylated proteins are involved in signal transduction and in the regulation of cell proliferation. Antibody to phosphotyrosine provides an excellent tool for the detection, characterization, and purification of phosphotyrosine containing proteins. This mAb shows no cross-reaction with other phosphoamino acids and is superb for multiple applications including staining of formalin/paraffin tissues.

## Application Notes

Optimal dilution of the Phosphotyrosine antibody should be determined by the researcher.

1. No pretreatment is required for staining of formalin-fixed, paraffin-embedded tissues

## Immunogen

P-Tyr conjugated to BSA was used as the immunogen for the Phosphotyrosine antibody.

## Storage

Store the Phosphotyrosine antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).