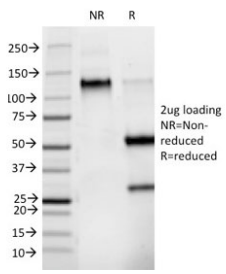
Phosphotyrosine Antibody / P-Tyr [clone PY265] (V8317)

Catalog No.	Formulation	Size
V8317-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8317-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8317SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Phosphotyrosine
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	PY265
Purity	Protein G affinity chromatography
Applications	Flow Cytometry : 1-2ug/10^6 cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml
Limitations	This Phosphotyrosine antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free Phosphotyrosine antibody (clone PY265) as confirmation of integrity and purity.

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.

Immunogen

Phosphotyrosine was used as the immunogen for the Phosphotyrosine antibody.

Storage

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

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