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36-3767: Anti-Phosphotyrosine (P-Tyr) Monoclonal Antibody(Clone: PY265)

Clonality :	Monoclonal
Clone Name :	PY265
Application :	FACS,IF,WB
Reactivity :	All species
Alternative Name :	P-Tyr
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Phosphotyrosine conjÂµgated to BSA

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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml);

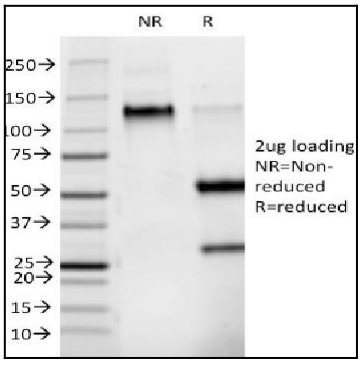

Fig. 1: SDS-PAGE Analysis Purified Phosphotyrosine Mouse Monoclonal Antibody (PY265). Confirmation of Purity and Integrity of Antibody.