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Phosphotyrosine (P-Tyr) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone SPM102]
Catalog # AH10927

Product Information

Application	WB, IF, FC, IP, IHC-P
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG2b
Clone Names	SPM102
Calculated MW	Depends upon the phosphorylated target

Additional Information

Application Note	WB~~1:1000 IF~~1:50~200 FC~~1:10~50 IP~~N/A IHC-P~~N/A
Format	200ug/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	Store at 2 to 8°C.Antibody is stable for 24 months.
Precautions	Phosphotyrosine (P-Tyr) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

Background

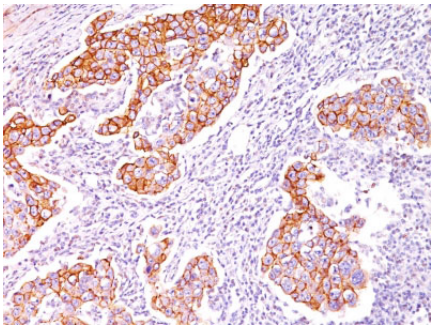
Protein phosphorylation is a fundamental event in the regulation of a large number of intracellular processes. Phosphorylation of specific tyrosine residues is the result of activation or stimulation of their respective protein tyrosine kinases. The phosphorylated proteins can be auto-phosphorylated 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.

References

Glenny, Jr. JR, et. al. Journal of Immunological Methods, 1988, 109:277-85

Images

Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with Phosphotyrosine Monoclonal



Antibody (SPM102).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.