

Product datasheet for **AM26351PU-N**

Phosphotyrosine Mouse Monoclonal Antibody [Clone ID: P9V6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	P9V6
Applications:	ELISA, WB
Recommended Dilution:	Immunoassays. Western blot: The typical starting working dilution is 1:10. Western blotting can be performed using standard procedures. Blocking should be performed with 1 - 1.5% bovine serum albumin (for phosphotyrosine blotting never use non-fat dry milk or other).
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This highly specific monoclonal antibody P9V6 reacts with phosphotyrosine. It does not cross react with phosphoserine or phosphothreonine.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% bovine serum albumin Preservative: 0.02% sodium azide
Concentration:	lot specific
Purification:	Protein G
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C.
Stability:	Shelf life: one year from despatch.
Background:	Phosphorylation and dephosphorylation of cellular proteins are central steps in transducing extracellular signals to the cell nucleus. Phosphorylated epitopes may serve as docking sites for the assembly of protein complexes or may alter the 3-dimensional protein structure thus modulating enzymatic activity or the ability to undergo protein-protein-interactions. Modification of proteins on tyrosine residues is mediated by protein tyrosine kinases. Tyrosine phosphorylation may alter the biological activity or mediate the assembly of protein complexes via interaction of phosphotyrosine residues with SH2 or PID domains.


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