

DESCRIPTION

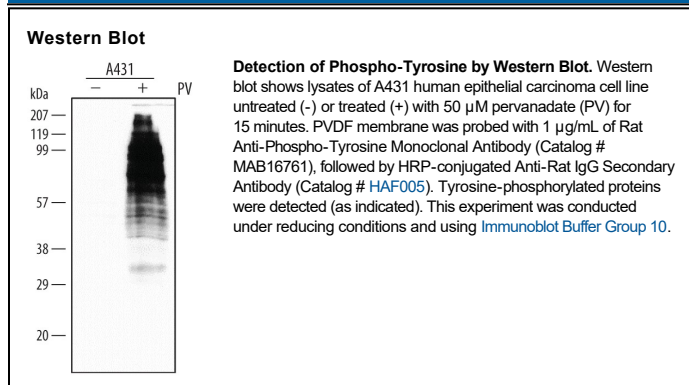
Specificity	Detects proteins containing phosphorylated tyrosine residues in Western blots. In Western blots of pervanadate-treated cell lysates, clone 216954 binds Phospho-Tyrosine in a broad manner largely independent of the surrounding amino acid sequence. No cross-reactivity with proteins or peptides containing phosphorylated serine or threonine residues is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 216954
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	KLH-coupled Phospho-Tyrosine synthetic peptide
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below
Immunocytochemistry	8-25 µg/mL	Immersion fixed A431 human epithelial carcinoma cell line treated with pervanadate

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.