www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-Phosphotyrosine Antibody

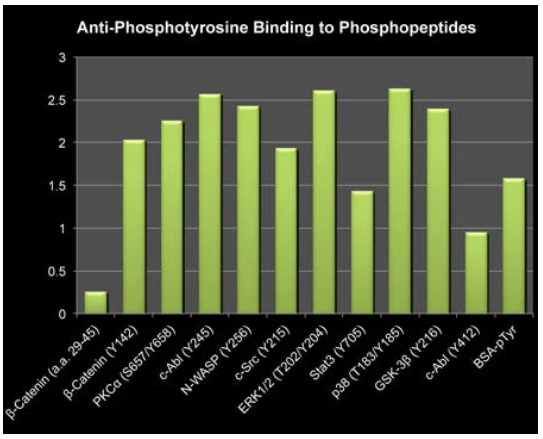
phosphosolutions ANTIBODIES THAT WORK

Product Details

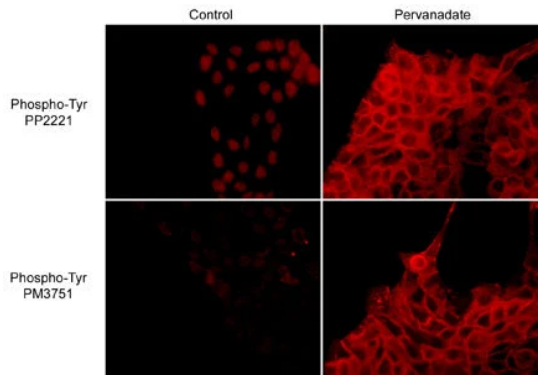
Available Variants	100 µL (SKU:PP2221)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	N/A
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100 IP: 1:100
Species Reactivity	Chicken, Human, Mouse, Rat
Immunogen	Anti-Phosphotyrosine was generated from a panel of phosphotyrosine-containing peptide immunogens designed from human protein sequences. All peptide sequences used are highly conserved phosphotyrosine motifs.
Specificity	This antibody detects phosphotyrosine-containing proteins on SDS-PAGE immunoblots of EGF treated A431 cells, as well as pervanadate treated A431, HeLa, Jurkat, and endothelial cells.
Molecular Weight	N/A
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	N/A
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	p-Tyr

Product Images



Bar graph showing rabbit polyclonal anti-Phosphotyrosine (PP2221) binding to a variety of phosphotyrosine containing peptides, but no binding to unphosphorylated peptide (beta-Catenin (a.a. 29-45).



Immunocytochemical labeling of phosphotyrosine in control and pervanadate-treated A431 cells. The cells were labeled with rabbit polyclonal anti-Phosphotyrosine (PP2221) and mouse monoclonal anti-Phosphotyrosine (PM3751), then the antibodies were detected using appropriate secondary antibodies conjugated to Cy3.