

Anti- γ -Catenin (Tyr-550), Phosphospecific Antibody



Product Details

Available Variants	100 μ L (SKU:CP1121)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	JUP
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:50
Species Reactivity	Human, Mouse, Rat
Immunogen	Phospho- γ -Catenin (Tyr-550) synthetic peptide (coupled to KLH) corresponding to amino acid residues around tyrosine 550 of human γ -Catenin. This peptide sequence is highly conserved in rat and mouse γ -Catenin.
Specificity	This antibody was cross-adsorbed to both phospho-tyrosine coupled to agarose and to dephosphorylated γ -Catenin (Tyr-550) peptide before affinity purification using phospho- γ -Catenin (Tyr-550) peptide (without carrier). The antibody detects an 84kDa* protein corresponding to the molecular mass of γ -Catenin on SDS-PAGE immunoblots of A431 and Hct116 src transformed cells treated with pervanadate (1 mM for 30 min), but not in control cells.
Molecular Weight	84
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 P14923

Country of Origin United States

Shipping Blue Ice

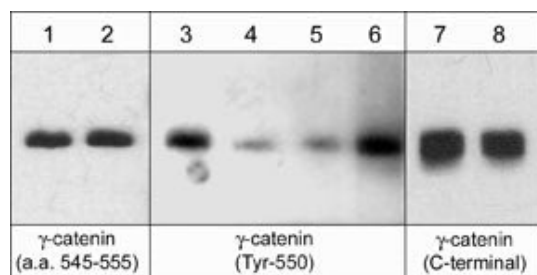
Expiration After date of receipt, stable for at least 1 year at -20°C.

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.

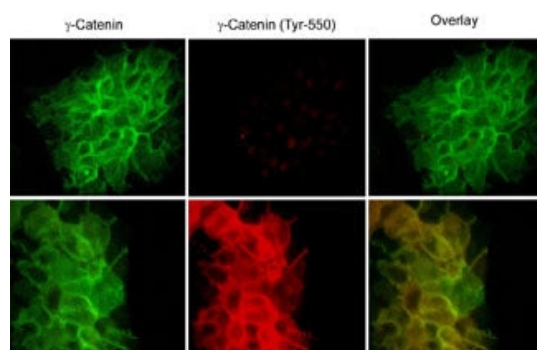
Post Translational Modification Type Phosphorylated

Post Translational Modification Residue Tyr-550

Product Images



Western blot analysis of anti-γ-Catenin (C-terminal) immunoprecipitates from pervanadate-treated A431. The immunoprecipitates were untreated (lanes 1,3,7) or treated with alkaline phosphatase (lanes 2,4,8). The blots were probed with γ-Catenin (a.a. 545-555), γ-Catenin (Tyr-550) or γ-Catenin (C-terminal) antibodies. The anti-γ-Catenin (Tyr-550) was used in the presence of γ-Catenin (Tyr-550) (lane 5) or γ-Catenin (Tyr-644) (lane 6) peptides.



Immunocytochemical labeling of phosphorylated γ-Catenin in control (Top) and pervanadate-treated (Bottom) A431 cells. The cells were co-labeled with mouse monoclonal γ-Catenin (CM1111) or rabbit polyclonal γ-Catenin (Tyr-550) antibodies, then the antibodies were detected using appropriate secondary antibodies conjugated to Cy2 or Cy3.



