

Anti-Integrin β 4 (Tyr-1494), Phosphospecific Antibody

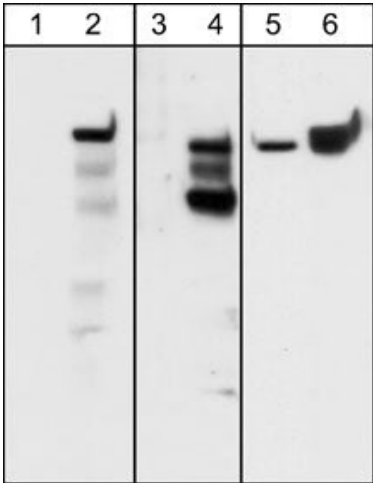


Product Details

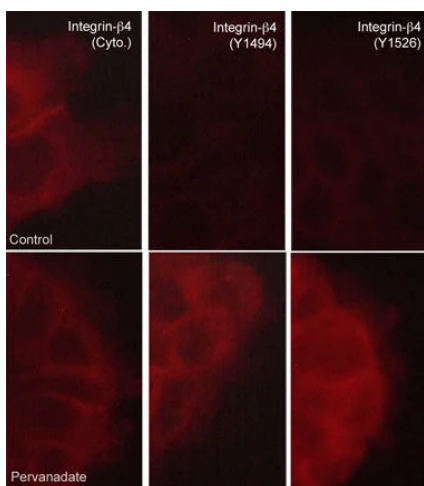
Available Variants	100 μ L (SKU:IP1281)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	ITGB4
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:2000 ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Phospho-Integrin β 4 (Tyr-1494) synthetic peptide (coupled to KLH) corresponding to amino acid residues around tyrosine 1494 of human Integrin β 4. This peptide sequence is found in all three Integrin β 4 isoforms and is highly conserved in rat and mouse Integrin β 4.
Specificity	This antibody was cross-adsorbed to phospho-tyrosine coupled to agarose then affinity purified using phospho-Integrin β 4 (Tyr-1494) peptide (without carrier). The antibody detects a 200kDa* protein corresponding to the molecular mass of Integrin β 4 on SDS-PAGE immunoblots of A431 cells treated with pervanadate, but not in control cells. Similar results were also observed in src-transformed Hct116 cells treated with pervanadate.
Molecular Weight	200
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	P16144-2
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-1494

Product Images



Western blot analysis of A431 cells serum starved overnight (lanes 1, 3, & 5) and treated with pervanadate (1 mM) for 30 min (lanes 2, 4, & 6). The blots were probed with rabbit polyclonal anti-Integrin β 4 (Tyr-1526) (lanes 1 & 2) and anti-Integrin β 4 (Tyr-1494) (lanes 3 & 4) or with mouse monoclonal anti-Integrin β 4 (lanes 5 & 6).



Immunocytochemical labeling of integrin β 4 in control (Top) and pervanadate-treated A431 cells (Bottom). The cells were labeled with mouse monoclonal anti-integrin β 4 (Cytoplasmic region) (left) or rabbit polyclonals anti-integrin β 4 (Tyr-1494) (middle) or anti-integrin β 4 (Tyr-1526) (right), then the antibodies were detected using appropriate secondary antibodies conjugated to DyLight® 594.

Product Page URL: www.antibodiesinc.com/products/anti-integrin-b4-tyr-1494-phosphospecific-antibody-ip1281



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