

Anti-Caveolin-1 (Tyr-14), Phosphospecific Antibody



Product Details

Available Variants	100 µL (SKU:CM2831)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M283
Gene Name	CAV1
Host Species	Mouse
Format	Protein A 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: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone M283 was generated from a phospho-Caveolin-1 (Tyr-14) synthetic peptide corresponding to amino acids surrounding tyrosine 14 in human Caveolin-1. This sequence has significant homology to the conserved site in rat and mouse Caveolin-1.
Specificity	This antibody detects a 21 kDa* protein corresponding to the apparent molecular mass of caveolin-1 on SDS-PAGE immunoblots of human A431 cells treated with EGF or pervanadate, and is not observed in untreated cells.
Molecular Weight	21
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 [Q03135](#)

Country of Origin United States

Shipping Blue Ice

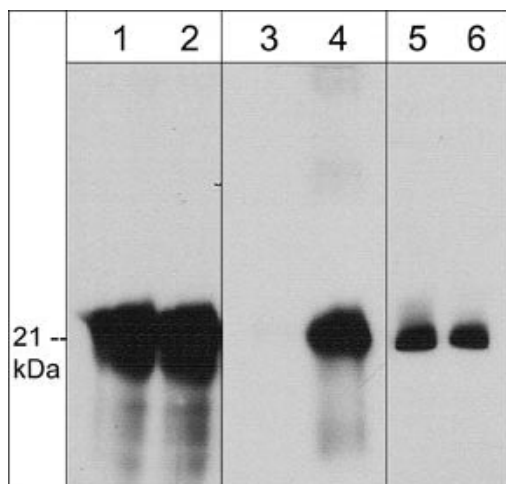
Expiration After date of receipt, stable for at least 1 year at -20°C.

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.

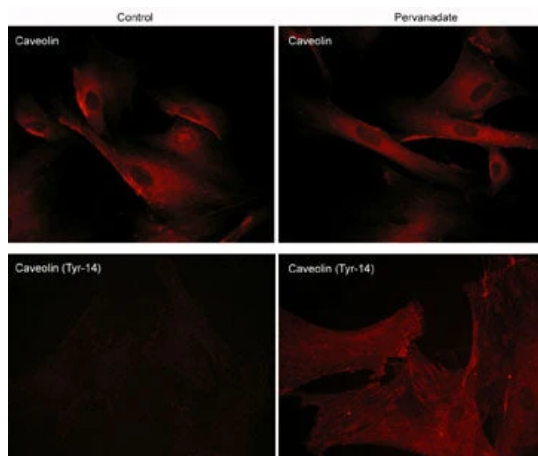
Post Translational Modification Type GOMAb/Phosphorylated

Post Translational Modification Residue Tyr-14

Product Images



Western blot image of human A431 cells unstimulated (lanes 1, 3, & 5) or stimulated with pervanadate (1 mM) for 30 min (lanes 2, 4, & 6). The blots were probed with rabbit polyclonal caveolin-1 (N-term.) (lanes 1 & 2), mouse monoclonal caveolin-1 (Tyr-14) (lanes 3 & 4) or mouse monoclonal caveolin-1 (lanes 5 & 6).



Immunocytochemical labeling of caveolin-1 phosphorylation in rabbit spleen fibroblasts. The cells were treated with pervanadate (1 mM) for 30 min, then fixed with paraformaldehyde and labeled with rabbit polyclonal Caveolin-1 (N-terminal region) and mouse monoclonal Caveolin-1 (Tyr-14) antibodies. The antibodies were detected using appropriate secondary antibodies conjugated to Cy3.

Product Page URL: www.antibodiesinc.com/products/anti-caveolin-1-tyr-14-phosphospecific-antibody-cm2831



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