

Phospho-Caveolin 1 (Tyr14) Monoclonal Antibody (M283)

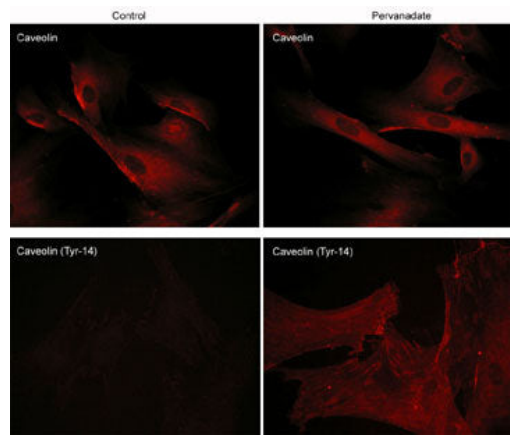
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	M283
Conjugate	Unconjugated
Immunogen	Clone M283 was generated from a phospho-Caveolin-1 (Tyr-14) synthetic peptide corresponding to amino acids surrounding tyrosine 14 in human Caveolin-1. This sequence has significant homology to the conserved site in rat and mouse Caveolin-1.
Form	Liquid
Concentration	Lot-Specific
Purification	Protein A
Storage buffer	PBS with 1mg/mL BSA, 50% glycerol
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:100	-

Product Specific Information

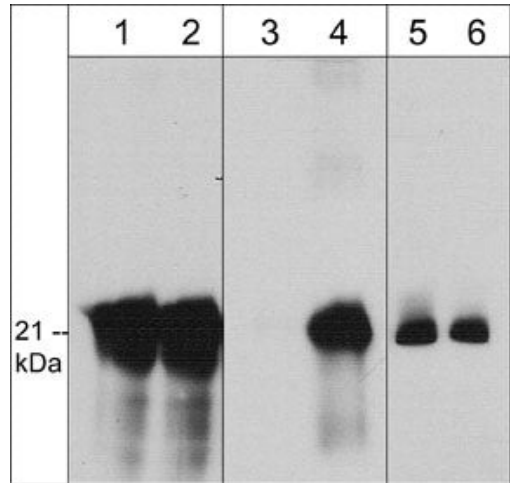
This antibody detects a 21 kDa* protein corresponding to the apparent molecular mass of caveolin-1 on SDS-PAGE immunoblots of human A431 cells treated with EGF or pervanadate, and is not observed in untreated cells.

Product Images For Phospho-Caveolin 1 (Tyr14) Monoclonal Antibody (M283)



Phospho-Caveolin 1 (Tyr14) Antibody (MA5-47639) in ICC/IF

Immunocytochemistry analysis of Phospho-Caveolin 1 (Tyr14) 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 Phospho-Caveolin 1 (Tyr14) monoclonal antibody (Product # MA5-47639). The antibodies were detected using appropriate secondary antibodies conjugated to Cy3.



Phospho-Caveolin 1 (Tyr14) Antibody (MA5-47639) in WB

Western blot of Phospho-Caveolin 1 (Tyr14) in human A431 cells unstimulated (lanes 1, 3, & 5) or stimulated with pervanadate (1 mM) for 30 minutes (lanes 2, 4, & 6). The blots were probed with rabbit polyclonal caveolin-1 (N-term) (lanes 1 & 2), mouse Phospho-Caveolin 1 (Tyr14) monoclonal antibody (Product # MA5-47639) (lanes 3 & 4) or mouse monoclonal caveolin-1 (lanes 5 & 6).

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