

Anti-Caveolin-2 Antibody (6X266)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 18 kDa. Actual: 23 kDa.
Clone:	6X266
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. 4% Paraformaldehyde-fixed Hela (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (Caveolin-2) monoclonal Antibody, unconjugated (TMAB-03705) 1: 100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, BF488) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.</p> <p>2. 25 ug total protein per lane of various lysates (see on figure) probed with Caveolin-2 monoclonal antibody, unconjugated (TMAB-03705) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p>
Application:	ICC/IF,IP,WB
Recommended	ICC/IF=1:50-200; IP=1:20-50; WB=1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Caveolin 2
Antigen Species:	Human
Gene ID:	858
Uniprot ID:	P51636

Research Background

May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. Acts as an accessory protein in conjunction with CAV1 in targeting to lipid rafts and driving caveolae formation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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