

Caveolin-1 Rabbit mAb

Catalog No: #58533

Package Size: #58533-1 50ul #58533-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

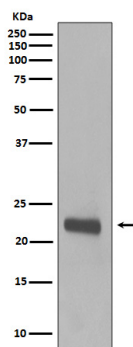
Description

Product Name	Caveolin-1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human Mouse Rat
Specificity	Caveolin-1 Antibody detects endogenous levels of total Caveolin-1
Immunogen Description	A synthesized peptide derived from human Caveolin-1
Other Names	BSCL3; CGL3; caveolin 1, caveolae protein, 22kDa; Caveolin-1; VIP21; CAV; CAV1.
Accession No.	Uniprot:Q03135
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

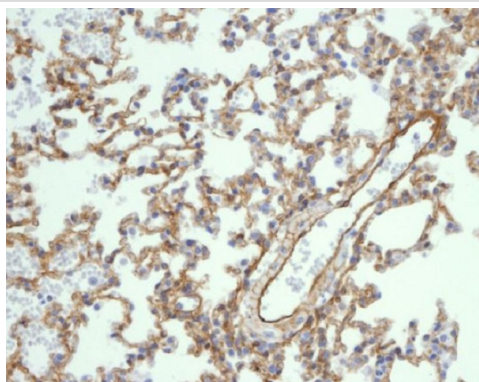
Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:20

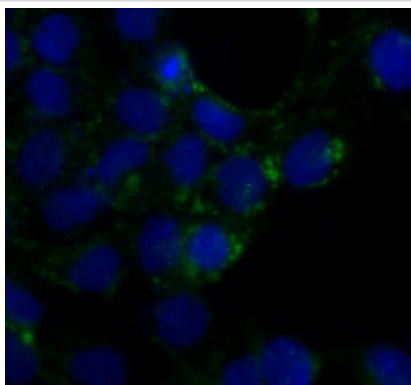
Images



Western blot analysis of Caveolin-1 expression in A431 cell lysate.



Immunohistochemical analysis of paraffin-embedded mouse lung, using Caveolin-1 Antibody.



Immunofluorescent analysis of A431 cells, using Caveolin-1 Antibody .

Background

Caveolin-1 may act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity (By similarity). Involved in the costimulatory signal essential for T-cell receptor (TCR)-mediated T-cell activation. Its binding to DPP4 induces T-cell proliferation and NF-kappa-B activation in a T-cell receptor/CD3-dependent manner. Recruits CTNNB1 to caveolar membranes and may regulate CTNNB1-mediated signaling through the Wnt pathway.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.