

Anti-Caveolin 1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

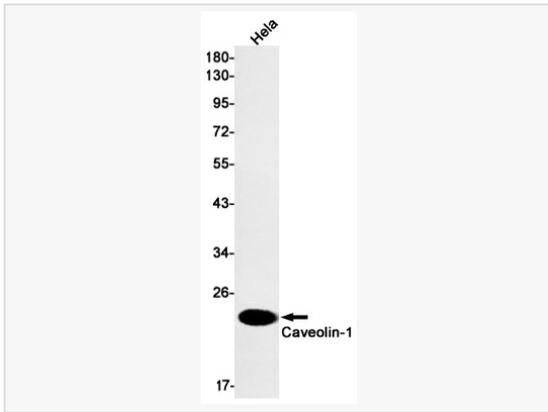
Catalog # R013030

Product Information

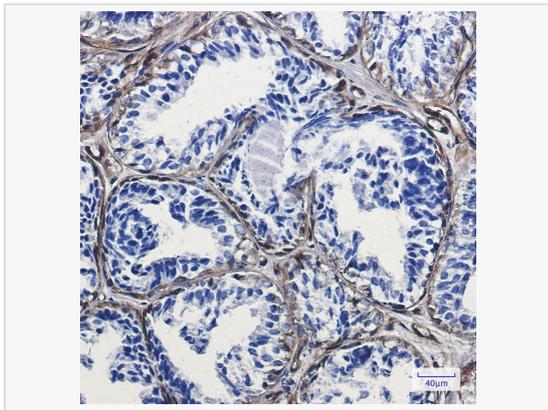
Application	ICC/IF (Cell), WB, IHC-P/IF (Tissue-P), IP, ELISA, IHC-F/IF (Tissue-F)
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	32K49L24
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Caveolin-1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Caveolin 1 antibody [32K49L24] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

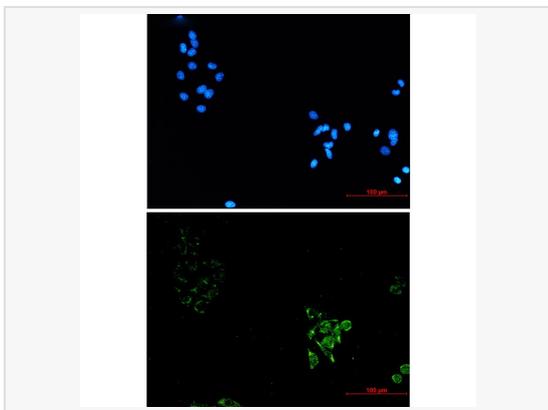
Synonyms	CAV1, CAV, Caveolin-1.
Calculated MW	Calculated MW: 20 kDa; Observed MW: 20 kDa
Uniprot ID	Q03135
Gene ID	857
Background	Caveolin-1 may act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity (By similarity). 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.



Western blot analysis of Caveolin1 in HeLa lysates using Caveolin 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Caveolin1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of Caveolin1 (green) in HeLa using Caveolin1 antibody and DAPI (blue)