

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CAVEOLIN 1 RABBIT MAB

Cat.#: N261651

Product Name: Anti-Caveolin 1 Rabbit Monoclonal Antibody

Synonyms: CAV1; CAV; Caveolin-1

UNIPROT ID: Q03135

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.

Immunogen: Recombinant protein of human Caveolin-1

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R05-6C3

MW: Calculated MW: 20 kDa; Observed MW: 20 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

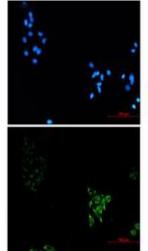


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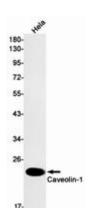
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Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Caveolin1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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



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