Recombinant Caveolin 1 Monoclonal Antibody

catalog number: **E-AB-81544**

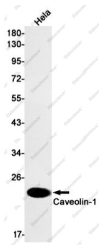
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant protein of human Caveolin-1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C313330
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:1000-1:2000
IHC	1:50-1:100
IF	1:20-1:100

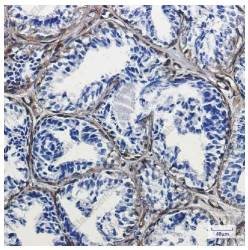
Data



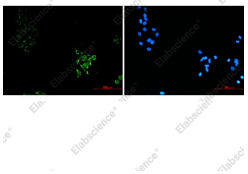
Western blot detection of Caveolin-1 in Hela cell lysates using Caveolin-1 Rabbit mAb(1:1000 diluted).Predicted band size:20kDa.Observed band size:20kDa.

Observed-MW:20 kDa

Calculated-MW:20 kDa



Immunohistochemistry of Caveolin-1 in paraffin-embedded Human breast cancer tissue using Caveolin-1 Rabbit mAb at dilution 1:100



Immunofluorescence of Caveolin-1 (green) in Hela using Caveolin-1 antibody at dilution 1:20, and DAPI(blue)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

Caveolin-1 (CAV1),a multifunctional protein,is the main constituent molecule of caveolae and represents a scaffolding molecule for several signaling molecules including epidermal growth factor receptor . Several studies have implicated that a reduced expression of CAV1 was found in cancers including head and neck carcinoma . However,other studies recognize CAV1 as a tumor promoter because CAV1 is overexpressed in various kinds of cancers,especially in oral cancer . Recent study also show that CAV1 is involved in astric Cancer .

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