

Rabbit anti-Human Caveolin 1 Monoclonal Antibody | anti-CAV1 antibody

Recombinant Caveolin 1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178839	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

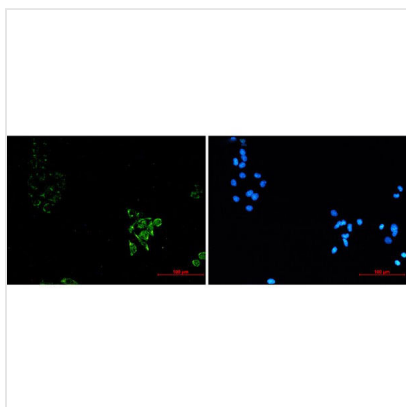
PRODUCT SYNONYMS

Caveolin 1; Monoclonal Antibody; Recombinant Caveolin 1 Monoclonal Antibody; BSCL3; CAV; CAV1; caveolae protein; 22 kD; caveolin 1 alpha isoform; caveolin 1 beta isoform; Caveolin 1 caveolae protein 22kDa; Caveolin-1; Caveolin1; cell growth-inhibiting protein 32; CGL3; LCCNS; MSTP085; OTTHUMP00000025031; PPH3; VIP 21; VIP21; anti-CAV1 antibody

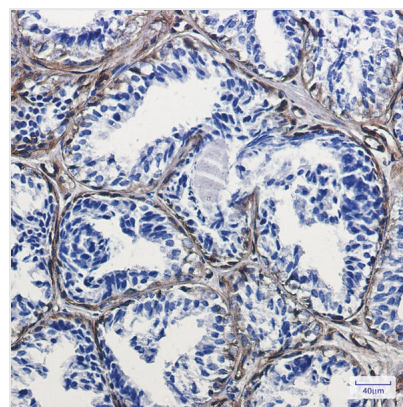
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	R05-6C3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-CAV1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Caveolin-1
Research Area	Cancer, Cardiovascular, Metabolism, Signal Transduction, Tags and Cell Markers
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

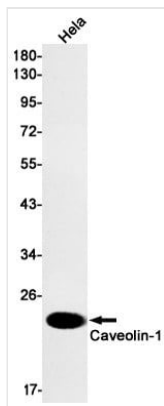
IMAGES


IF (Immunofluorescence)

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


IHC (Immunohistochemistry)

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



WB (Western Blot)

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.

ADDITIONAL INFORMATION

Related Product Information for anti-CAV1 antibody	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 shows that CAV1 is involved in gastric cancer.
Product Categories/Family for anti-CAV1 antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	15451856
NCBI GeneID	857
NCBI Accession #	NP_001744.2
NCBI GenBank Nucleotide #	NM_001753.4
UniProt Accession #	Q03135; Q9UGP1; Q9UNG1; Q9UQH6
Molecular Weight	20,472 Da
NCBI Official Full Name	caveolin-1 isoform alpha
NCBI Official Synonym Full Names	caveolin 1, caveolae protein, 22kDa
NCBI Official Symbol	CAV1
NCBI Official Synonym Symbols	CGL3; BSCL3; VIP21; MSTP085
NCBI Protein Information	caveolin-1; cell growth-inhibiting protein 32
UniProt Protein Name	Caveolin-1
UniProt Gene Name	CAV1
UniProt Synonym Gene Names	CAV
UniProt Entry Name	CAV1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.