

anti-Human, Mouse Caveolin 1 Monoclonal Antibody | anti-CAV1 antibody

Caveolin 1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314281	Recombinant Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

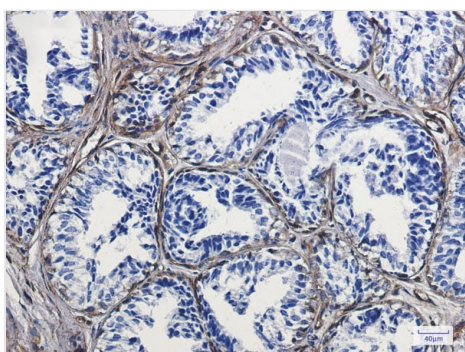
PRODUCT SYNONYMS

Caveolin 1; Monoclonal Antibody; Caveolin 1 Rabbit mAb; BSCL3; CGL3; caveolin 1; caveolae protein; 22kDa; Caveolin-1; VIP21; CAV; CAV1.; anti-CAV1 antibody

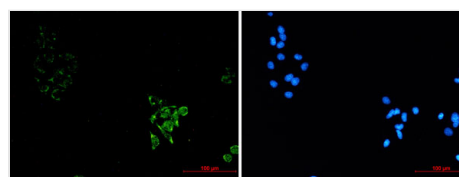
PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S05-6C3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-CAV1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Caveolin-1
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

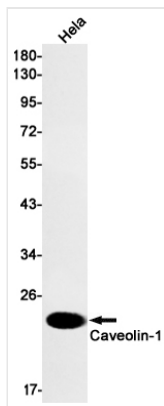
IMAGES


IHC (Immunohistochemistry)

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


IF (Immunofluorescence)

Immunofluorescence of Caveolin-1 (green) in HeLa using Caveolin-1 antibody at dilution 1/2, and DAPI(blue)



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	May act as a scaffolding protein within caveolar membranes (PubMed:11751885).
Product Categories/Family for anti-CAV1 antibody	Primary 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.