

Rabbit anti-Human Caveolin-2 Monoclonal Antibody | anti-CAV2 antibody

Caveolin-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312191	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

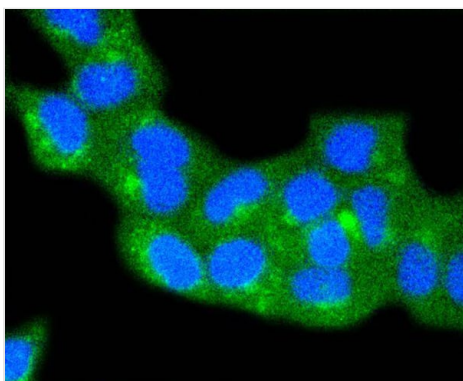
PRODUCT SYNONYMS

Caveolin-2; Monoclonal Antibody; Caveolin-2 Antibody; CAV antibody; CAV2 antibody; CAV2_HUMAN antibody; Caveolae protein 20 kD antibody; Caveolin 2 antibody; Caveolin 2 isoform a and b antibody; Caveolin-2 antibody; MGC12294 antibody; OTTHUMP00000025032 antibody; OTTHUMP00000195982 antibody; anti-CAV2 antibody

PRODUCT SPECIFICATIONS

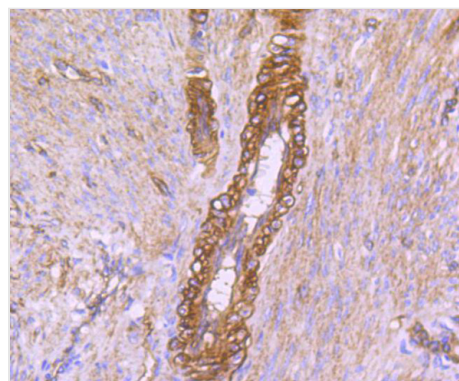
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	SY22-05
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CAV2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



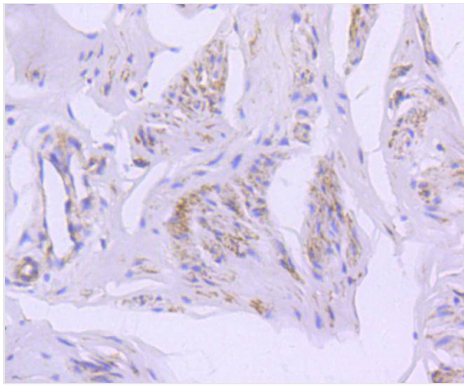
ICC (Immunocytochemistry)

ICC staining caveolin-2 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



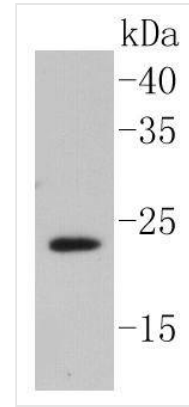
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-caveolin-2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human cervix uteri tissue using anti-caveolin-2 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of caveolin-2 on HUVEC cell lysates using anti-caveolin-2 antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CAV2 antibody

Caveolae (also known as plasmalemmal vesicles) are 50-100 nm flask-shaped membranes that represent a subcompartment of the plasma membrane. On the basis of morphological studies, caveolae have been implicated to function in the transcytosis of various macromolecules (including LDL) across capillary endothelial cells, uptake of small molecules via potocytosis and the compartmentalization of certain signaling molecules including G protein-coupled receptors. Three proteins, caveolin-1, caveolin-2 and caveolin-3, have been identified as principal components of caveolae. Two forms of caveolin-1, designated a and b, share a distinct but overlapping cellular distribution and differ by an N-terminal 31 amino acid sequence that is absent from the b isoform. Caveolin-1 shares 31% identity with caveolin-2 and 65% identity with caveolin-3 at the amino acid level. Functionally, the three proteins differ in their interactions with heterotrimeric G protein isoforms.

Product Categories/Family for anti-CAV2 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	332164664
NCBI GeneID	858
NCBI Accession #	NP_001193676.1
NCBI GenBank Nucleotide #	NM_001206747.1
UniProt Accession #	P51636; Q9UGM7; A4D0U2
Molecular Weight	18,291 Da
NCBI Official Full Name	caveolin-2 isoform b
NCBI Official Synonym Full Names	caveolin 2
NCBI Official Symbol	CAV2
NCBI Official Synonym Symbols	CAV
NCBI Protein Information	caveolin-2; caveolae protein, 20-kD; caveolin 2 isoform a and b
UniProt Protein Name	Caveolin-2
UniProt Gene Name	CAV2
UniProt Entry Name	CAV2_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.

