

Mouse anti-Human CAV2 Monoclonal Antibody | anti-CAV2 antibody

Anti-CAV2 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14151	Mouse	Human	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CAV2; Monoclonal Antibody; Anti-CAV2 Mouse mAb; CAV; anti-CAV2 antibody

PRODUCT SPECIFICATIONS

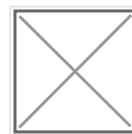
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5E9E2
Form/Format	Purified antibody in PBS with 0.05% sodium azide.
Sequence Length	79
Applicable Applications for anti-CAV2 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human CAV2 (AA: 1-86) expressed in E Coli.

IMAGES



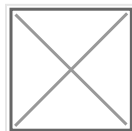
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using CAV2 mouse mAb with DAB staining.



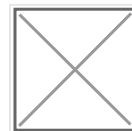
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues using CAV2 mouse mAb with DAB staining.



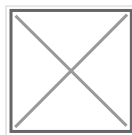
FCM (Flow Cytometry)

Flow cytometric analysis of A549 cells using CAV2 mouse mAb (green) and negative control (red).



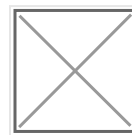
WB (Western Blot)

Western blot analysis using CAV2 mouse mAb against A549 (1), 3T3-L1 (2), A431 (3) cell lysate.



WB (Western Blot)

Western blot analysis using CAV2 mAb against HEK293 (1) and CAV2 (AA)



WB (Western Blot)

Western blot analysis using CAV2 mAb against human CAV2 (AA)

ADDITIONAL INFORMATION

Related Product Information for anti-CAV2 antibody	Entrez Summary: The protein encoded by this gene is a major component of the inner surface of caveolae, small invaginations of the plasma membrane, and is involved in essential cellular functions, including signal transduction, lipid metabolism, cellular growth control and apoptosis. This protein may function as a tumor suppressor. This gene and related family member (CAV1) are located next to each other on chromosome 7, and express colocalizing proteins that form a stable hetero-oligomeric complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. Additional isoforms resulting from the use of alternate in-frame translation initiation codons have also been described, and shown to have preferential localization in the cell (PMID:11238462).
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	332164666
NCBI GeneID	858
NCBI Accession #	NP_001193677.1
NCBI GenBank Nucleotide #	NM_001206748.1
UniProt Accession #	P51636; Q9UGM7; A4D0U2
Molecular Weight	18.3
NCBI Official Full Name	caveolin-2 isoform d
NCBI Official Synonym Full Names	caveolin 2
NCBI Official Symbol	CAV2
NCBI Official Synonym Symbols	CAV
NCBI Protein Information	caveolin-2
UniProt Protein Name	Caveolin-2
UniProt Gene Name	CAV2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cav2-antibody-clone-5e9e2-western-blot-immunohistochemistry-flow-cytometry-elisa/14151>