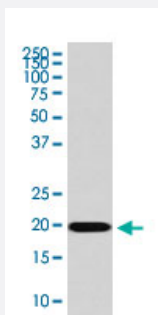


CAV2 monoclonal antibody, clone FD-3

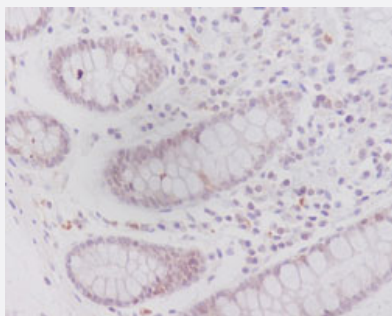
Catalog # MAB19650 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of HeLa cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CAV2.
Immunogen	A synthetic peptide corresponding to human CAV2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Recommend Usage	Immunoprecipitation (1:50) Immunocytochemistry (1:50-200) Immunofluorescence (1:50-200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of HeLa cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon.

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

Gene Info — CAV2

Entrez GeneID	858
Protein Accession#	P51636
Gene Name	CAV2
Gene Alias	CAV, MGC12294
Gene Description	caveolin 2
Omim ID	601048
Gene Ontology	Hyperlink

Gene 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. CAV1 and CAV2 are located next to each other on chromosome 7 and express colocalizing proteins that form a stable hetero-oligomeric complex. Two transcript variants encoding distinct isoforms have been identified for this gene. By using alternative initiation codons in the same reading frame, two isoforms (alpha and beta) are encoded by one transcript. [provided by RefSeq]

Other Designations

caveolae protein, 20-kD|caveolin 2 isoform a and b

Pathway

- [Focal adhesion](#)

Disease

- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Head and Neck Neoplasms](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)

- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)